

# **Horizontal Fusion Person Discovery Specification**



**Department of Defense Assistant Secretary of Defense for  
Networks and Information Integration/DOD CIO**

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## Revision Sheet

Release No.	Date	Revision Description
Ver. 1.0	04/21/2004	Initial release coinciding with version 1.0.7 of the specification.
Ver. 1.1	09/07/2004	<p>Updates to coincide with version 1.0.8 of the specification.</p> <ol style="list-style-type: none"><li>1. comments/annotations were updated</li><li>2. detailsURI (in PersonSummaryType) made optional</li><li>3. instantMessageId moved from ExpertDetailElementsType to PersonSummaryType</li><li>4. optional password element added to PersonDetailType</li><li>5. citizenships element moved from ExpertDetailElementsType to PersonDetailType and changed to be of type CountryType</li><li>6. clearances element moved from EpertDetailElementsType to PersonDetailType</li><li>7. roles element added to PersonDetailType</li></ol>



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## 1 INTRODUCTION

### 1.1 Overview

#### 1.1.1 Horizontal Fusion

Horizontal Fusion is a Net-Centric capability that enables ad hoc access by all echelons of users to data that is cross-functional and provides for decision superiority in the transformed battlespace.

Horizontal Fusion is a direct response to operationalize, integrate, and optimize technology and operations to achieve “Power to the Edge” in the new battlespace. Horizontal Fusion is made possible by the new technology context that includes Wideband Satellite Communications (SATCOM), the Global Information Grid Bandwidth Expansion (GIG-BE), and the Joint Tactical Radio System (JTRS). The increased bandwidth these capabilities will provide will deliver significant improvement in battlefield operations including real-time access to critical knowledge and enhanced situational awareness, informed and expeditious command decision-making, and operational and tactical response.

Moving beyond former concepts of “plug-and-play” wiring diagrams, “one-to-one” interfaces, or “push” technology, Horizontal Fusion is built on a foundation of transforming the ways in which knowledge is available in the battlespace.

The exploration of Net-Centric capabilities and the process necessary to provide them is the substance of Horizontal Fusion.

#### 1.1.2 Horizontal Fusion Portfolio Initiative

The Horizontal Fusion Portfolio Initiative is a management process with an emphasis on outcome-based performance intended to accelerate the transition of Net-Centric warfighting capabilities into the operational inventory.

The Horizontal Fusion Portfolio is a set of technologies and processes that have been selected to demonstrate their interoperability with other members of the Portfolio and their contribution to the overall concept of Net-Centricity.

The intent is to accelerate the transition of Net-Centric warfighting from vision to reality. The Portfolio Initiative emphasizes outcome-based performance. Goals are closely aligned with the Department of Defense (DoD) vision of Transformation to Net-Centricity, with the objective of



building practical solutions. The Portfolio composition is guided by the overarching criteria of Fit, Balance, and Impact.

### 1.1.3 Quantum Leap Demonstrations

In August of each Fiscal Year, the Horizontal Fusion Portfolio conducts a demonstration of Net-Centricity, Interoperability, and Transformation capabilities that have been developed. Each year builds on the previous years' capabilities, continuously expanding the technology capability and increasing the decision superiority that is available to the Edge User.

## 1.2 Purpose

The Person Discovery Services provide support for a complete and fully integrated collaboration capability. These services are now integrated with the Defense Information Systems Agency (DISA) Global Directory Service (GDS) and the Horizontal Fusion Federated Search. The Horizontal Fusion Lightweight Directory Access Portal (LDAP) directory has been extended to allow for integration with GDS as well as to contain all of the following additional information: expert attributes, roles, groups, and clearance information. This LDAP directory is initially loaded with data exported from the GDS directory and subsequently updated via an automatic process as changes occur in GDS.

The Person Discovery Service insulates all person discovery service consumers (including the Horizontal Fusion portal) from LDAP connectivity issues, LDAP schema changes, and leverages WS-Security to allows users access to only the discovery services that they are entitled to use. The current Person Discovery Specification supports the needs of all Horizontal Fusion portal expert visualization portlets, including expert registration and expert search.

## 2 WSDL

### WSDL **pdws.wsdl**

WSDL location: [D:\avoketaitis\\_107\\_view\VKB\data\wsdl\personDiscovery\pdws.wsdl](D:\avoketaitis_107_view\VKB\data\wsdl\personDiscovery\pdws.wsdl)  
targetnamespace: [urn:pdws-wsdl](#)

services	bindings	porttypes	messages
<a href="#">pdsMessageReceiverService</a>	<a href="#">pdsBinding</a>	<a href="#">pdsMessageReceiver</a>	<a href="#">addRolesToPersonsRequest</a> <a href="#">countPersonsRequest</a> <a href="#">countPersonsResponse</a> <a href="#">createRolesRequest</a> <a href="#">deleteRolesRequest</a> <a href="#">error</a> <a href="#">getPersonDetailsRequest</a>



[getPersonDetailsResponse](#)  
[getPersonsInRolesRequest](#)  
[getPersonsInRolesResponse](#)  
[getRolesRequest](#)  
[getRolesResponse](#)  
[removeAllPersonsFromRolesRequest](#)  
[removeAllRolesFromPersonsRequest](#)  
[removeRolesFromPersonsRequest](#)  
[searchPersonsRequest](#)  
[searchPersonsResponse](#)  
[updatePersonRequest](#)

### service pdsMessageReceiverService

```

ports   pds-service
       binding  tns:pdsBinding
       extensi  <soap:address
       bility   location="http://devvkb.mcdonaldbradley.com:8080/axis/services/persondiscovery"/>
source  <service name="pdsMessageReceiverService">
       <port name="pds-service" binding="tns:pdsBinding">
         <soap:address location="http://devvkb.mcdonaldbradley.com:8080/axis/services/persondiscovery"/>
       </port>
     </service>

```

### binding pdsBinding

```

type    tns:pdsMessageReceiver
extensibility
operations
       searchPersons
       extensi  <soap:operation soapAction="urn:#search"/>
       bility
       input   <soap:body use="literal" namespace="http://www.dod.mil/pds/1.0/pds#"/>
       output  <soap:body use="literal" namespace="http://www.dod.mil/pds/1.0/pds#"/>

       countPersons
       extensi  <soap:operation soapAction="urn:#countPersons"/>
       bility
       input   <soap:body use="literal" namespace="http://www.dod.mil/pds/1.0/pds#"/>
       output  <soap:body use="literal" namespace="http://www.dod.mil/pds/1.0/pds#"/>

       getPersonDetails
       extensi  <soap:operation soapAction="urn:#getPerson"/>
       bility
       input   <soap:body use="literal" namespace="http://www.dod.mil/pds/1.0/pds#"/>
       output  <soap:body use="literal" namespace="http://www.dod.mil/pds/1.0/pds#"/>

       updatePerson
       extensi  <soap:operation soapAction="urn:#updatePerson"/>
       bility
       input   <soap:body use="literal" namespace="http://www.dod.mil/pds/1.0/pds#"/>

```



output

```

getRoles
extensi      <soap:operation soapAction="urn:#getRoles"/>
bility
input       <soap:body use="literal" namespace="http://www.dod.mil/pds/1.0/pds#"/>
output      <soap:body use="literal" namespace="http://www.dod.mil/pds/1.0/pds#"/>

getPersonsInRoles
extensi      <soap:operation soapAction="urn:#getPersonsInRoles"/>
bility
input       <soap:body use="literal" namespace="http://www.dod.mil/pds/1.0/pds#"/>
output      <soap:body use="literal" namespace="http://www.dod.mil/pds/1.0/pds#"/>

createRoles
extensi      <soap:operation soapAction="urn:#createRoles"/>
bility
input       <soap:body use="literal" namespace="http://www.dod.mil/pds/1.0/pds#"/>
output      <soap:body use="literal" namespace="http://www.dod.mil/pds/1.0/pds#"/>

deleteRoles
extensi      <soap:operation soapAction="urn:#deleteRoles"/>
bility
input       <soap:body use="literal" namespace="http://www.dod.mil/pds/1.0/pds#"/>
output      <soap:body use="literal" namespace="http://www.dod.mil/pds/1.0/pds#"/>

addRolesToPersons
extensi      <soap:operation soapAction="urn:#addRolesToPersons"/>
bility
input       <soap:body use="literal" namespace="http://www.dod.mil/pds/1.0/pds#"/>
output      <soap:body use="literal" namespace="http://www.dod.mil/pds/1.0/pds#"/>

removeRolesFromPersons
extensi      <soap:operation soapAction="urn:#removeRolesFromPersons"/>
bility
input       <soap:body use="literal" namespace="http://www.dod.mil/pds/1.0/pds#"/>
output      <soap:body use="literal" namespace="http://www.dod.mil/pds/1.0/pds#"/>

removeAllRolesFromPersons
extensi      <soap:operation soapAction="urn:#removeAllRolesFromPersons"/>
bility
input       <soap:body use="literal" namespace="http://www.dod.mil/pds/1.0/pds#"/>
output      <soap:body use="literal" namespace="http://www.dod.mil/pds/1.0/pds#"/>

removeAllPersonsFromRoles
extensi      <soap:operation soapAction="urn:#removeAllPersonsFromRoles"/>
bility
input       <soap:body use="literal" namespace="http://www.dod.mil/pds/1.0/pds#"/>
output      <soap:body use="literal" namespace="http://www.dod.mil/pds/1.0/pds#"/>

used by     Service pdsMessageReceiverService in Port pds-service
source      <binding name="pdsBinding" type="tns:pdsMessageReceiver">
            <soap:binding style="document" transport="http://schemas.xmlsoap.org/soap/http"/>
            <operation name="searchPersons">
                <soap:operation soapAction="urn:#search"/>
                <input>
```



```
<soap:body use="literal" namespace="http://www.dod.mil/pds/1.0/pds#"/>
</input>
<output>
<soap:body use="literal" namespace="http://www.dod.mil/pds/1.0/pds#"/>
</output>
<fault name="searchPersonsFault">
<soap:fault name="searchPersonsFault" use="literal" namespace="http://www.dod.mil/pds/1.0/pds#"/>
</fault>
</operation>
<operation name="countPersons">
<soap:operation soapAction="urn:#countPersons"/>
<input>
<soap:body use="literal" namespace="http://www.dod.mil/pds/1.0/pds#"/>
</input>
<output>
<soap:body use="literal" namespace="http://www.dod.mil/pds/1.0/pds#"/>
</output>
<fault name="countPersonsFault">
<soap:fault name="countPersonsFault" use="literal" namespace="http://www.dod.mil/pds/1.0/pds#"/>
</fault>
</operation>
<operation name="getPersonDetails">
<soap:operation soapAction="urn:#getPerson"/>
<input>
<soap:body use="literal" namespace="http://www.dod.mil/pds/1.0/pds#"/>
</input>
<output>
<soap:body use="literal" namespace="http://www.dod.mil/pds/1.0/pds#"/>
</output>
<fault name="getPersonDetailsFault">
<soap:fault name="getPersonDetailsFault" use="literal" namespace="http://www.dod.mil/pds/1.0/pds#"/>
</fault>
</operation>
<operation name="updatePerson">
<soap:operation soapAction="urn:#updatePerson"/>
<input>
<soap:body use="literal" namespace="http://www.dod.mil/pds/1.0/pds#"/>
</input>
<fault name="updatePersonFault">
<soap:fault name="updatePersonFault" use="literal" namespace="http://www.dod.mil/pds/1.0/pds#"/>
</fault>
</operation>
<operation name="getRoles">
<soap:operation soapAction="urn:#getRoles"/>
<input>
<soap:body use="literal" namespace="http://www.dod.mil/pds/1.0/pds#"/>
</input>
<output>
<soap:body use="literal" namespace="http://www.dod.mil/pds/1.0/pds#"/>
</output>
<fault name="getRolesFault">
<soap:fault name="getRolesFault" use="literal" namespace="http://www.dod.mil/pds/1.0/pds#"/>
</fault>
</operation>
<operation name="getPersonsInRoles">
<soap:operation soapAction="urn:#getPersonsInRoles"/>
<input>
<soap:body use="literal" namespace="http://www.dod.mil/pds/1.0/pds#"/>
</input>
<output>
<soap:body use="literal" namespace="http://www.dod.mil/pds/1.0/pds#"/>
</output>
<fault name="getPersonsInRolesFault">
<soap:fault name="getPersonsInRolesFault" use="literal" namespace="http://www.dod.mil/pds/1.0/pds#"/>
</fault>
</operation>
```



```

<operation name="createRoles">
  <soap:operation soapAction="urn:#createRoles"/>
  <input>
    <soap:body use="literal" namespace="http://www.dod.mil/pds/1.0/pds#"/>
  </input>
  <fault name="createRolesFault">
    <soap:fault name="createRolesFault" use="literal" namespace="http://www.dod.mil/pds/1.0/pds#"/>
  </fault>
</operation>
<operation name="deleteRoles">
  <soap:operation soapAction="urn:#deleteRoles"/>
  <input>
    <soap:body use="literal" namespace="http://www.dod.mil/pds/1.0/pds#"/>
  </input>
  <fault name="deleteRolesFault">
    <soap:fault name="deleteRolesFault" use="literal" namespace="http://www.dod.mil/pds/1.0/pds#"/>
  </fault>
</operation>
<operation name="addRolesToPersons">
  <soap:operation soapAction="urn:#addRolesToPersons"/>
  <input>
    <soap:body use="literal" namespace="http://www.dod.mil/pds/1.0/pds#"/>
  </input>
  <fault name="addRolesToPersonsFault">
    <soap:fault name="addRolesToPersonsFault" use="literal" namespace="http://www.dod.mil/pds/1.0/pds#"/>
  </fault>
</operation>
<operation name="removeRolesFromPersons">
  <soap:operation soapAction="urn:#removeRolesFromPersons"/>
  <input>
    <soap:body use="literal" namespace="http://www.dod.mil/pds/1.0/pds#"/>
  </input>
  <fault name="removeRolesFromPersonsFault">
    <soap:fault name="removeRolesFromPersonsFault" use="literal" namespace="http://www.dod.mil/pds/1.0/pds#"/>
  </fault>
</operation>
<operation name="removeAllRolesFromPersons">
  <soap:operation soapAction="urn:#removeAllRolesFromPersons"/>
  <input>
    <soap:body use="literal" namespace="http://www.dod.mil/pds/1.0/pds#"/>
  </input>
  <fault name="removeAllRolesFromPersonsFault">
    <soap:fault name="removeAllRolesFromPersonsFault" use="literal" namespace="http://www.dod.mil/pds/1.0/pds#"/>
  </fault>
</operation>
<operation name="removeAllPersonsFromRoles">
  <soap:operation soapAction="urn:#removeAllPersonsFromRoles"/>
  <input>
    <soap:body use="literal" namespace="http://www.dod.mil/pds/1.0/pds#"/>
  </input>
  <fault name="removeAllPersonsFromRolesFault">
    <soap:fault name="removeAllPersonsFromRolesFault" use="literal" namespace="http://www.dod.mil/pds/1.0/pds#"/>
  </fault>
</operation>
</binding>

```

## porttype pdsMessageReceiver

### operations

	searchPersons
operations	
input	<a href="#">tns:searchPersonsRequest</a>
output	<a href="#">tns:searchPersonsResponse</a>
fault	<a href="#">tns:error</a>



**countPersons**  
 input [tns:countPersonsRequest](#)  
 output [tns:countPersonsResponse](#)  
 fault [tns:error](#)

**getPersonDetails**  
 input [tns:getPersonDetailsRequest](#)  
 output [tns:getPersonDetailsResponse](#)  
 fault [tns:error](#)

**updatePerson**  
 input [tns:updatePersonRequest](#)  
 fault [tns:error](#)

**getRoles**  
 input [tns:getRolesRequest](#)  
 output [tns:getRolesResponse](#)  
 fault [tns:error](#)

**getPersonsInRoles**  
 input [tns:getPersonsInRolesRequest](#)  
 output [tns:getPersonsInRolesResponse](#)  
 fault [tns:error](#)

**createRoles**  
 input [tns:createRolesRequest](#)  
 fault [tns:error](#)

**deleteRoles**  
 input [tns:deleteRolesRequest](#)  
 fault [tns:error](#)

**addRolesToPersons**  
 input [tns:addRolesToPersonsRequest](#)  
 fault [tns:error](#)

**removeRolesFromPersons**  
 input [tns:removeRolesFromPersonsRequest](#)  
 fault [tns:error](#)

**removeAllRolesFromPersons**  
 input [tns:removeAllRolesFromPersonsRequest](#)  
 fault [tns:error](#)

**removeAllPersonsFromRoles**  
 input [tns:removeAllPersonsFromRolesRequest](#)  
 fault [tns:error](#)

used by  
 binding [pdsBinding](#)

source <portType name="pdsMessageReceiver">  
<operation name="searchPersons">  
<input message="tns:searchPersonsRequest"/>  
<output message="tns:searchPersonsResponse"/>  
<fault name="searchPersonsFault" message="tns:error"/>



```

</operation>
<operation name="countPersons">
<input message="tns:countPersonsRequest"/>
<output message="tns:countPersonsResponse"/>
<fault name="countPersonsFault" message="tns:error"/>
</operation>
<operation name="getPersonDetails">
<input message="tns:getPersonDetailsRequest"/>
<output message="tns:getPersonDetailsResponse"/>
<fault name="getPersonDetailsFault" message="tns:error"/>
</operation>
<operation name="updatePerson">
<input message="tns:updatePersonRequest"/>
<fault name="updatePersonFault" message="tns:error"/>
</operation>
<operation name="getRoles">
<input message="tns:getRolesRequest"/>
<output message="tns:getRolesResponse"/>
<fault name="getRolesFault" message="tns:error"/>
</operation>
<operation name="getPersonsInRoles">
<input message="tns:getPersonsInRolesRequest"/>
<output message="tns:getPersonsInRolesResponse"/>
<fault name="getPersonsInRolesFault" message="tns:error"/>
</operation>
<operation name="createRoles">
<input message="tns:createRolesRequest"/>
<fault name="createRolesFault" message="tns:error"/>
</operation>
<operation name="deleteRoles">
<input message="tns:deleteRolesRequest"/>
<fault name="deleteRolesFault" message="tns:error"/>
</operation>
<operation name="addRolesToPersons">
<input message="tns:addRolesToPersonsRequest"/>
<fault name="addRolesToPersonsFault" message="tns:error"/>
</operation>
<operation name="removeRolesFromPersons">
<input message="tns:removeRolesFromPersonsRequest"/>
<fault name="removeRolesFromPersonsFault" message="tns:error"/>
</operation>
<operation name="removeAllRolesFromPersons">
<input message="tns:removeAllRolesFromPersonsRequest"/>
<fault name="removeAllRolesFromPersonsFault" message="tns:error"/>
</operation>
<operation name="removeAllPersonsFromRoles">
<input message="tns:removeAllPersonsFromRolesRequest"/>
<fault name="removeAllPersonsFromRolesFault" message="tns:error"/>
</operation>
</portType>

```

#### message **searchPersonsRequest**

parts	<b>searchPersonsRequest</b>
	element <b>pds:searchPersonsRequest</b>
used by	PortType <b>pdsMessageReceiver</b> in Operation <b>searchPersons</b>
source	<message name="searchPersonsRequest"> <part name="searchPersonsRequest" element="pds:searchPersonsRequest"/> </message>

**message searchPersonsResponse**

parts      **searchPersonsResponse**  
              element **pds:searchPersonsResponse**  
used by     PortType [pdsMessageReceiver](#) in Operation [searchPersons](#)  
  
source     <message name="searchPersonsResponse">  
              <part name="searchPersonsResponse" element="pds:searchPersonsResponse"/>  
              </message>

**message countPersonsRequest**

parts      **countPersonsRequest**  
              element **pds:countPersonsRequest**  
used by     PortType [pdsMessageReceiver](#) in Operation [countPersons](#)  
  
source     <message name="countPersonsRequest">  
              <part name="countPersonsRequest" element="pds:countPersonsRequest"/>  
              </message>

**message countPersonsResponse**

parts      **countPersonsResponse**  
              element **pds:countPersonsResponse**  
used by     PortType [pdsMessageReceiver](#) in Operation [countPersons](#)  
  
source     <message name="countPersonsResponse">  
              <part name="countPersonsResponse" element="pds:countPersonsResponse"/>  
              </message>

**message getPersonDetailsRequest**

parts      **getPersonDetailsRequest**  
              element **pds:getPersonDetailsRequest**  
used by     PortType [pdsMessageReceiver](#) in Operation [getPersonDetails](#)  
  
source     <message name="getPersonDetailsRequest">  
              <part name="getPersonDetailsRequest" element="pds:getPersonDetailsRequest"/>  
              </message>

**message getPersonDetailsResponse**

parts      **getPersonDetailsResponse**  
              element **pds:getPersonDetailsResponse**  
used by     PortType [pdsMessageReceiver](#) in Operation [getPersonDetails](#)  
  
source     <message name="getPersonDetailsResponse">  
              <part name="getPersonDetailsResponse" element="pds:getPersonDetailsResponse"/>  
              </message>

**message updatePersonRequest**

parts      updatePersonRequest  
          element    pds:updatePersonRequest  
used by     PortType [pdsMessageReceiver](#) in Operation [updatePerson](#)  
source     <message name="updatePersonRequest">  
          <part name="updatePersonRequest" element="pds:updatePersonRequest"/>  
      </message>

**message getRolesRequest**

parts      getRolesRequest  
          element    pds:getRolesRequest  
used by     PortType [pdsMessageReceiver](#) in Operation [getRoles](#)  
source     <message name="getRolesRequest">  
          <part name="getRolesRequest" element="pds:getRolesRequest"/>  
      </message>

**message getRolesResponse**

parts      getRolesResponse  
          element    pds:getRolesResponse  
used by     PortType [pdsMessageReceiver](#) in Operation [getRoles](#)  
source     <message name="getRolesResponse">  
          <part name="getRolesResponse" element="pds:getRolesResponse"/>  
      </message>

**message getPersonsInRolesRequest**

parts      getPersonsInRolesRequest  
          element    pds:getPersonsInRolesRequest  
used by     PortType [pdsMessageReceiver](#) in Operation [getPersonsInRoles](#)  
source     <message name="getPersonsInRolesRequest">  
          <part name="getPersonsInRolesRequest" element="pds:getPersonsInRolesRequest"/>  
      </message>

**message getPersonsInRolesResponse**

parts      getPersonsInRolesResponse  
          element    pds:getPersonsInRolesResponse  
used by     PortType [pdsMessageReceiver](#) in Operation [getPersonsInRoles](#)  
source     <message name="getPersonsInRolesResponse">  
          <part name="getPersonsInRolesResponse" element="pds:getPersonsInRolesResponse"/>  
      </message>

**message createRolesRequest**



parts      **createRolesRequest**  
               element    pds:createRolesRequest  
 used by     PortType [pdsMessageReceiver](#) in Operation [createRoles](#)  
 source      <message name="createRolesRequest">  
               <part name="createRolesRequest" element="pds:createRolesRequest"/>  
               </message>

**message deleteRolesRequest**  
 parts      **deleteRolesRequest**  
               element    pds:deleteRolesRequest  
 used by     PortType [pdsMessageReceiver](#) in Operation [deleteRoles](#)  
 source      <message name="deleteRolesRequest">  
               <part name="deleteRolesRequest" element="pds:deleteRolesRequest"/>  
               </message>

**message addRolesToPersonsRequest**  
 parts      **addRolesToPersonsRequest**  
               element    pds:addRolesToPersonsRequest  
 used by     PortType [pdsMessageReceiver](#) in Operation [addRolesToPersons](#)  
 source      <message name="addRolesToPersonsRequest">  
               <part name="addRolesToPersonsRequest" element="pds:addRolesToPersonsRequest"/>  
               </message>

**message removeRolesFromPersonsRequest**  
 parts      **removeRolesFromPersonsRequest**  
               element    pds:removeRolesFromPersonsRequest  
 used by     PortType [pdsMessageReceiver](#) in Operation [removeRolesFromPersons](#)  
 source      <message name="removeRolesFromPersonsRequest">  
               <part name="removeRolesFromPersonsRequest" element="pds:removeRolesFromPersonsRequest"/>  
               </message>

**message removeAllRolesFromPersonsRequest**  
 parts      **removeAllRolesFromPersonsRequest**  
               element    pds:removeAllRolesFromPersonsRequest  
 used by     PortType [pdsMessageReceiver](#) in Operation [removeAllRolesFromPersons](#)  
 source      <message name="removeAllRolesFromPersonsRequest">  
               <part name="removeAllRolesFromPersonsRequest" element="pds:removeAllRolesFromPersonsRequest"/>  
               </message>

**message removeAllPersonsFromRolesRequest**



parts      **removeAllPersonsFromRolesRequest**  
              element    pds:removeAllPersonsFromRolesRequest  
used by     PortType [pdsMessageReceiver](#) in Operation [removeAllPersonsFromRoles](#)  
  
source     <message name="removeAllPersonsFromRolesRequest">  
              <part name="removeAllPersonsFromRolesRequest" element="pds:removeAllPersonsFromRolesRequest"/>  
              </message>

#### message error

parts      **detail**  
              element    pds:error  
used by     PortType [pdsMessageReceiver](#) in Operation [searchPersons](#)  
              PortType [pdsMessageReceiver](#) in Operation [countPersons](#)  
              PortType [pdsMessageReceiver](#) in Operation [getPersonDetails](#)  
              PortType [pdsMessageReceiver](#) in Operation [updatePerson](#)  
              PortType [pdsMessageReceiver](#) in Operation [getRoles](#)  
              PortType [pdsMessageReceiver](#) in Operation [getPersonsInRoles](#)  
              PortType [pdsMessageReceiver](#) in Operation [createRoles](#)  
              PortType [pdsMessageReceiver](#) in Operation [deleteRoles](#)  
              PortType [pdsMessageReceiver](#) in Operation [addRolesToPersons](#)  
              PortType [pdsMessageReceiver](#) in Operation [removeRolesFromPersons](#)  
              PortType [pdsMessageReceiver](#) in Operation [removeAllRolesFromPersons](#)  
              PortType [pdsMessageReceiver](#) in Operation [removeAllPersonsFromRoles](#)  
  
source     <message name="error">  
              <part name="detail" element="pds:error"/>  
              </message>

WSDL documentation generated with [XMLSPY](#) WSDL Editor <http://www.altova.com/xmlspy>

### 3 SUPPORTING XML SCHEMA

#### Schema pds.xsd

schema location: [D:\avoketaitis\\_107\\_view\VKB\data\wsdl\personDiscovery\pds.xsd](D:\avoketaitis_107_view\VKB\data\wsdl\personDiscovery\pds.xsd)  
 targetNamespace: <http://www.dod.mil/pds/1.0/pds#>

Elements

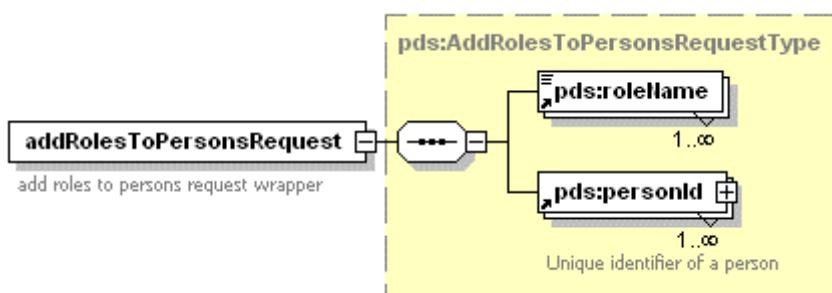
- [addRolesToPersonsRequest](#)
- [countPersonsRequest](#)
- [countPersonsResponse](#)
- [country](#)
- [createRolesRequest](#)
- [deleteRolesRequest](#)
- [error](#)
- [expertDetail](#)
- [expertDetailElements](#)
- [expertQueryElements](#)
- [getPersonDetailsRequest](#)
- [getPersonDetailsResponse](#)
- [getPersonsInRolesRequest](#)
- [getPersonsInRolesResponse](#)
- [getRolesRequest](#)
- [getRolesResponse](#)
- [ifc](#)
- [personalPublicFolderInfo](#)
- [personDetail](#)
- [personId](#)
- [personInfo](#)
- [personQuery](#)
- [personSummary](#)
- [removeAllPersonsFromRolesRequest](#)
- [removeAllRolesFromPersonsRequest](#)
- [removeRolesFromPersonsRequest](#)
- [roleName](#)
- [searchPersonsRequest](#)
- [searchPersonsResponse](#)
- [updatePersonRequest](#)

Complex types

- [AddRolesToPersonsRequestType](#)
- [CountPersonsRequestType](#)
- [CountPersonsResponseType](#)
- [CountryType](#)
- [CreateRolesRequestType](#)
- [DeleteRolesRequestType](#)
- [ErrorType](#)
- [ExpertDetailElementsType](#)
- [ExpertDetailType](#)
- [ExpertQueryElementsType](#)
- [GetPersonDetailsRequestType](#)
- [GetPersonDetailsResponseType](#)
- [GetPersonsInRolesRequestType](#)
- [GetPersonsInRolesResponseType](#)
- [GetRolesRequestType](#)
- [GetRolesResponseType](#)
- [IfcType](#)
- [PersonalPublicFolderInfoType](#)
- [PersonDetailType](#)
- [PersonIdType](#)
- [PersonInfoType](#)
- [PersonQueryType](#)
- [PersonSummaryType](#)
- [RemoveAllPersonsFromRolesRequestType](#)
- [RemoveAllRolesFromPersonsRequestType](#)
- [RemoveRolesFromPersonsRequestType](#)
- [SearchPersonsRequestType](#)
- [SearchPersonsResponseType](#)
- [UpdatePersonRequestType](#)

#### element addRolesToPersonsRequest

diagram

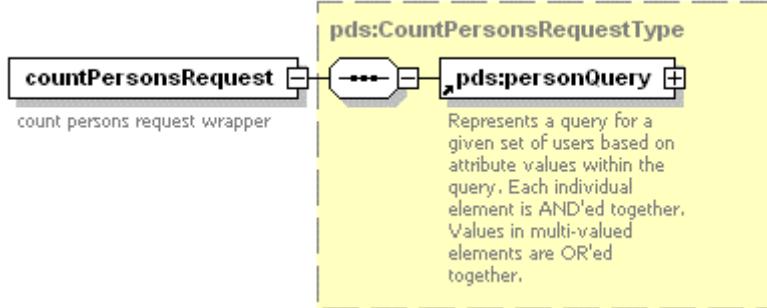




namespace <http://www.dod.mil/pds/1.0/pds#>  
 type [pds:AddRolesToPersonsRequestType](#)  
 children [pds:roleName](#) [pds:personId](#)  
 annotation documentation add roles to persons request wrapper  
 source <xs:element name="addRolesToPersonsRequest" type="pds:AddRolesToPersonsRequestType">  
     <xs:annotation>  
         <xs:documentation>add roles to persons request wrapper</xs:documentation>  
     </xs:annotation>  
</xs:element>

### element countPersonsRequest

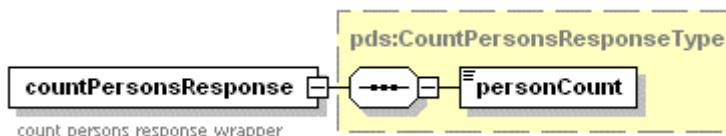
diagram



namespace <http://www.dod.mil/pds/1.0/pds#>  
 type [pds:CountPersonsRequestType](#)  
 children [pds:personQuery](#)  
 annotation documentation count persons request wrapper  
 source <xs:element name="countPersonsRequest" type="pds:CountPersonsRequestType">  
     <xs:annotation>  
         <xs:documentation>count persons request wrapper</xs:documentation>  
     </xs:annotation>  
</xs:element>

### element countPersonsResponse

diagram

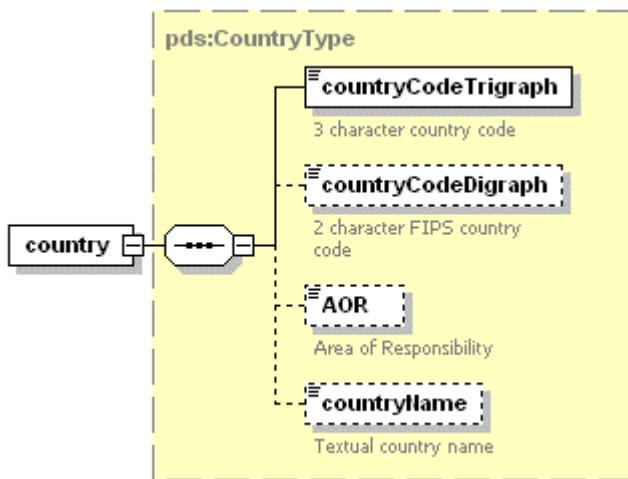


namespace <http://www.dod.mil/pds/1.0/pds#>  
 type [pds:CountPersonsResponseType](#)  
 children [personCount](#)  
 annotation documentation count persons response wrapper  
 source <xs:element name="countPersonsResponse" type="pds:CountPersonsResponseType">  
     <xs:annotation>  
         <xs:documentation>count persons response wrapper</xs:documentation>  
     </xs:annotation>  
</xs:element>

</xs:element>

### element country

diagram



namespace <http://www.dod.mil/pds/1.0/pds#>

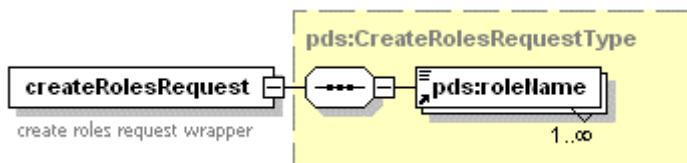
type [pds:CountryType](#)

children [countryCodeTrigraph](#) [countryCodeDigraph](#) [AOR](#) [countryName](#)

source <xs:element name="country" type="pds:CountryType"/>

### element createRolesRequest

diagram



namespace <http://www.dod.mil/pds/1.0/pds#>

type [pds:CreateRolesRequestType](#)

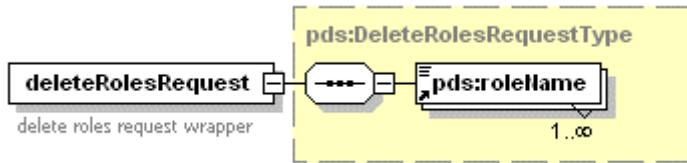
children [pds:roleName](#)

annotation documentation create roles request wrapper

source <xs:element name="createRolesRequest" type="pds:CreateRolesRequestType">
<xs:annotation>
 <xs:documentation>create roles request wrapper</xs:documentation>
</xs:annotation>
</xs:element>

### element deleteRolesRequest

diagram



namespace <http://www.dod.mil/pds/1.0/pds#>

type [pds:DeleteRolesRequestType](#)

children [pds:roleName](#)

annotation documentation delete roles request wrapper

source

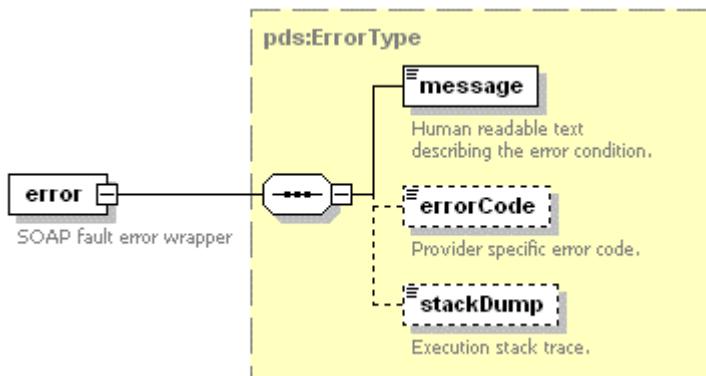
```

<xs:element name="deleteRolesRequest" type="pds:DeleteRolesRequestType">
  <xs:annotation>
    <xs:documentation>delete roles request wrapper</xs:documentation>
  </xs:annotation>
</xs:element>

```

### element error

diagram



namespace <http://www.dod.mil/pds/1.0/pds#>

type [pds:ErrorType](#)

children [message](#) [errorCode](#) [stackDump](#)

annotation documentation SOAP fault error wrapper

source

```

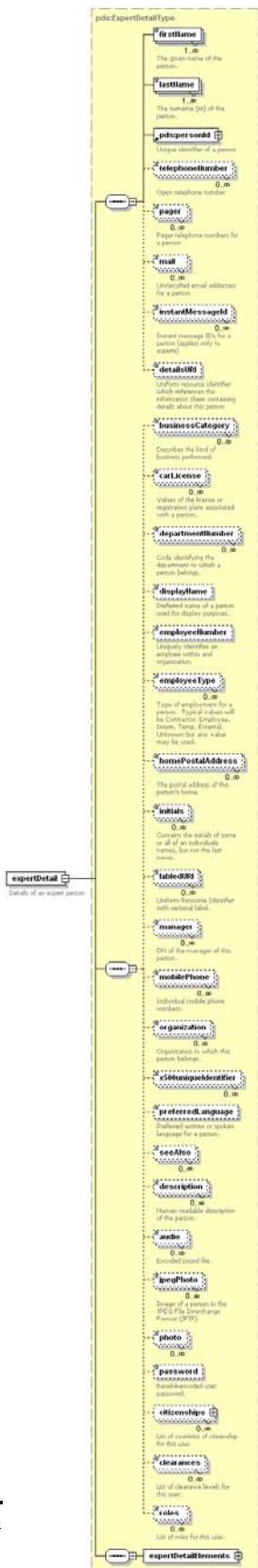
<xs:element name="error" type="pds:ErrorType">
  <xs:annotation>
    <xs:documentation>SOAP fault error wrapper</xs:documentation>
  </xs:annotation>
</xs:element>

```



element **expertDetail**

diagram

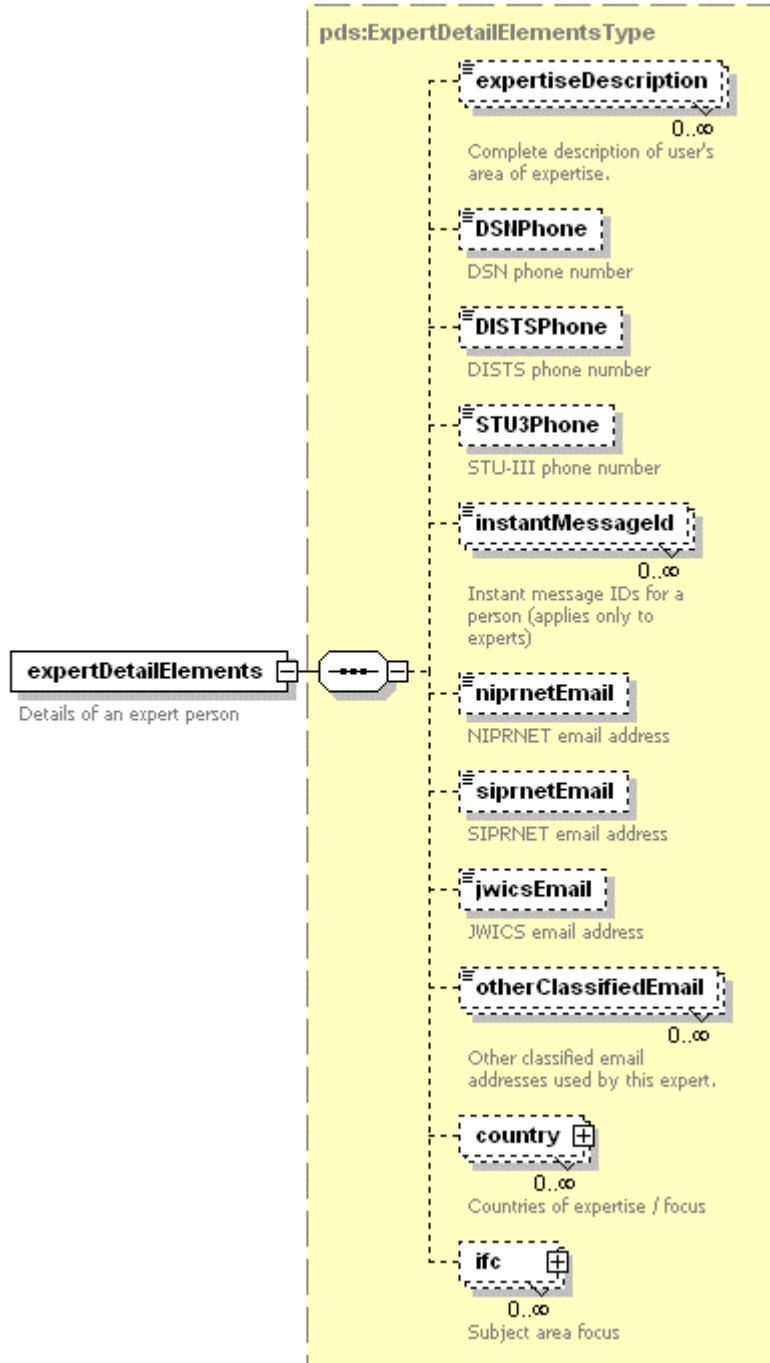




namespace	http://www.dod.mil/pds/1.0/pds#				
type	<a href="#">pds:ExpertDetailType</a>				
children	<a href="#">firstName</a> <a href="#">lastName</a> <a href="#">pds:personId</a> <a href="#">telephoneNumber</a> <a href="#">pager</a> <a href="#">mail</a> <a href="#">instantMessageId</a> <a href="#">detailsURI</a> <a href="#">businessCategory</a> <a href="#">carLicense</a> <a href="#">departmentNumber</a> <a href="#">displayName</a> <a href="#">employeeNumber</a> <a href="#">employeeType</a> <a href="#">homePostalAddress</a> <a href="#">initials</a> <a href="#">labeledURI</a> <a href="#">manager</a> <a href="#">mobilePhone</a> <a href="#">organization</a> <a href="#">x500uniqueIdentifier</a> <a href="#">preferredLanguage</a> <a href="#">seeAlso</a> <a href="#">description</a> <a href="#">audio</a> <a href="#">jpegPhoto</a> <a href="#">photo</a> <a href="#">password</a> <a href="#">citizenships</a> <a href="#">clearances</a> <a href="#">roles</a> <a href="#">expertDetailElements</a>				
used by	complexType	<a href="#">PersonInfoType</a>			
attributes	Name isExpert	Type xs:boolean	Use required	Default	Fixed
annotation	documentation	Details of an expert person			
source	<pre>&lt;xs:element name="expertDetail" type="pds:ExpertDetailType"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Details of an expert person&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>				

**element expertDetailElements**

diagram



namespace <http://www.dod.mil/pds/1.0/pds#>

type [\*\*pds:ExpertDetailElementsType\*\*](#)

children [\*\*expertiseDescription\*\*](#) [\*\*DSNPhone\*\*](#) [\*\*DISTSPhone\*\*](#) [\*\*STU3Phone\*\*](#) [\*\*instantMessageId\*\*](#) [\*\*niprnetEmail\*\*](#) [\*\*siprnetEmail\*\*](#) [\*\*jwicsEmail\*\*](#)

[otherClassifiedEmail country ifc](#)

used by

complexType [UpdatePersonRequestType](#)

annotation

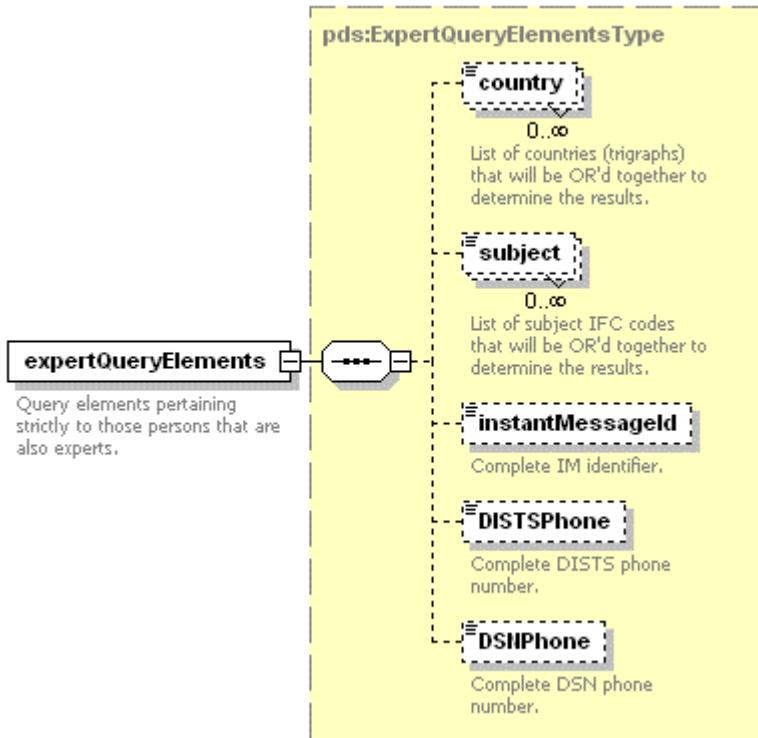
documentation Details of an expert person

source

```
<xs:element name="expertDetailElements" type="pds:ExpertDetailElementsType">
<xs:annotation>
  <xs:documentation>Details of an expert person</xs:documentation>
</xs:annotation>
</xs:element>
```

**element expertQueryElements**

diagram



namespace <http://www.dod.mil/pds/1.0/pds#>

type [pds:ExpertQueryElementsType](#)

children [country](#) [subject](#) [instantMessageId](#) [DISTSPhone](#) [DSNPhone](#)

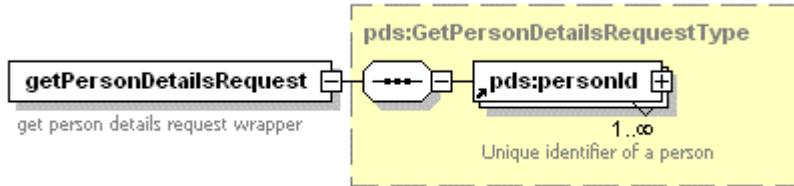
annotation documentation Query elements pertaining strictly to those persons that are also experts.

source

```
<xs:element name="expertQueryElements" type="pds:ExpertQueryElementsType">
<xs:annotation>
  <xs:documentation>Query elements pertaining strictly to those persons that are also experts.</xs:documentation>
</xs:annotation>
</xs:element>
```

### element **getPersonDetailsRequest**

diagram



namespace <http://www.dod.mil/pds/1.0/pds#>

type [pds:GetPersonDetailsRequestType](#)

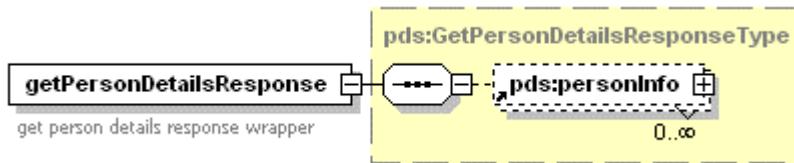
children [pds:personId](#)

annotation documentation get person details request wrapper

source <xs:element name="getPersonDetailsRequest" type="pds:GetPersonDetailsRequestType">  
<xs:annotation>  
<xs:documentation>get person details request wrapper</xs:documentation>  
</xs:annotation>  
</xs:element>

### element **getPersonDetailsResponse**

diagram



namespace <http://www.dod.mil/pds/1.0/pds#>

type [pds:GetPersonDetailsResponseType](#)

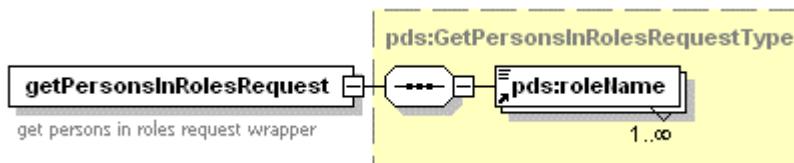
children [pds:personInfo](#)

annotation documentation get person details response wrapper

source <xs:element name="getPersonDetailsResponse" type="pds:GetPersonDetailsResponseType">  
<xs:annotation>  
<xs:documentation>get person details response wrapper</xs:documentation>  
</xs:annotation>  
</xs:element>

### element **getPersonsInRolesRequest**

diagram



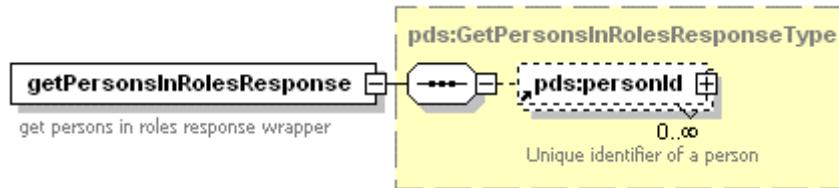
namespace <http://www.dod.mil/pds/1.0/pds#>

type [pds:GetPersonsInRolesRequestType](#)

children [pds:roleName](#)  
 annotation documentation get persons in roles request wrapper  
 source <xs:element name="getPersonsInRolesRequest" type="pds:GetPersonsInRolesRequestType">  
   <xs:annotation>  
     <xs:documentation>get persons in roles request wrapper</xs:documentation>  
     </xs:annotation>  
 </xs:element>

### element **getPersonsInRolesResponse**

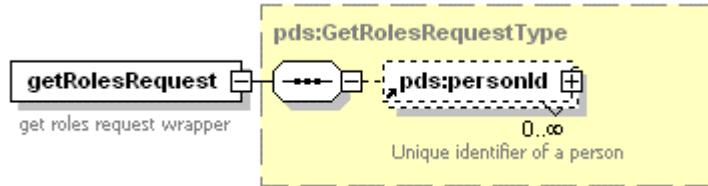
diagram



namespace <http://www.dod.mil/pds/1.0/pds#>  
 type [pds:GetPersonsInRolesResponseType](#)  
 children [pds:personId](#)  
 annotation documentation get persons in roles response wrapper  
 source <xs:element name="getPersonsInRolesResponse" type="pds:GetPersonsInRolesResponseType">  
   <xs:annotation>  
     <xs:documentation>get persons in roles response wrapper</xs:documentation>  
     </xs:annotation>  
 </xs:element>

### element **getRolesRequest**

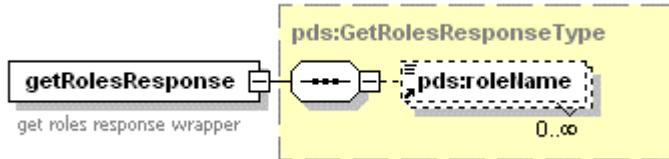
diagram



namespace <http://www.dod.mil/pds/1.0/pds#>  
 type [pds:GetRolesRequestType](#)  
 children [pds:personId](#)  
 annotation documentation get roles request wrapper  
 source <xs:element name="getRolesRequest" type="pds:GetRolesRequestType">  
   <xs:annotation>  
     <xs:documentation>get roles request wrapper</xs:documentation>  
     </xs:annotation>  
 </xs:element>

**element getRolesResponse**

diagram



namespace <http://www.dod.mil/pds/1.0/pds#>

type [\*\*pds:GetRolesResponseType\*\*](#)

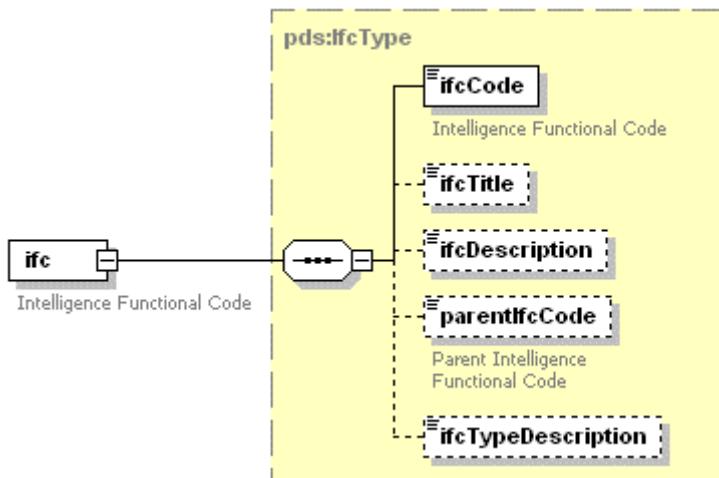
children [\*\*pds:roleName\*\*](#)

annotation documentation get roles response wrapper

source <xs:element name="getRolesResponse" type="pds:GetRolesResponseType">  
<xs:annotation>  
<xs:documentation>get roles response wrapper</xs:documentation>  
</xs:annotation>  
</xs:element>

**element ifc**

diagram



namespace <http://www.dod.mil/pds/1.0/pds#>

type [\*\*pds:IfcType\*\*](#)

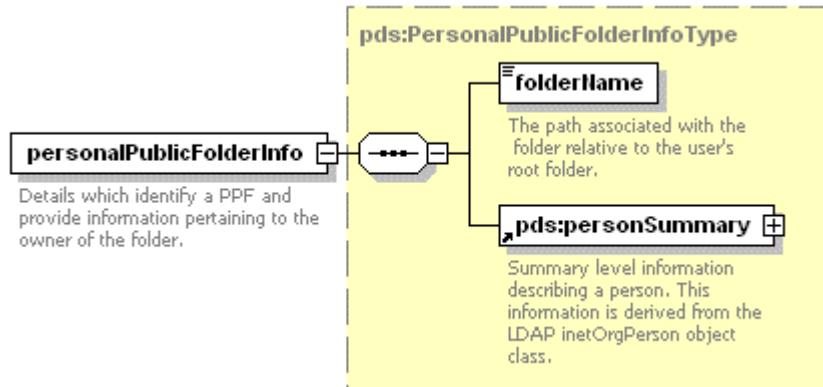
children [\*\*ifcCode ifcTitle ifcDescription parentIfcCode ifcTypeDescription\*\*](#)

annotation documentation Intelligence Functional Code

source <xs:element name="ifc" type="pds:IfcType">  
<xs:annotation>  
<xs:documentation>Intelligence Functional Code</xs:documentation>  
</xs:annotation>  
</xs:element>

**element personalPublicFolderInfo**

diagram

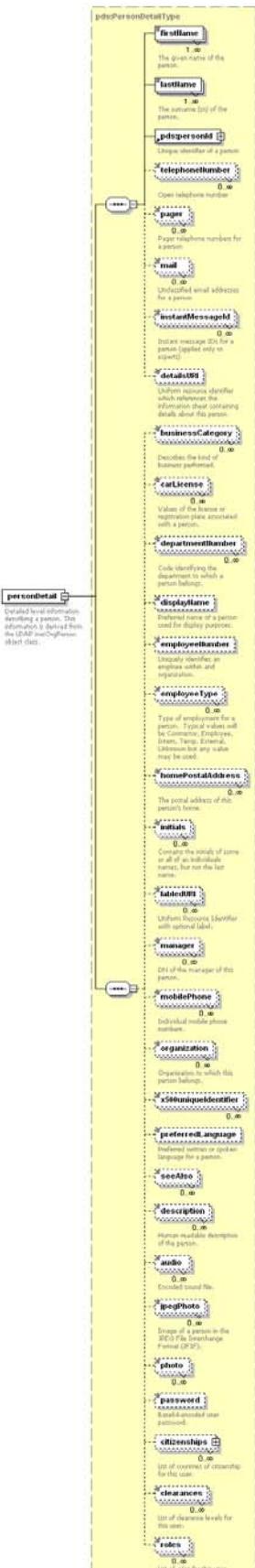


namespace	<a href="http://www.dod.mil/pds/1.0/pds#">http://www.dod.mil/pds/1.0/pds#</a>
type	<a href="#"><u>pds:PersonalPublicFolderInfoType</u></a>
children	<a href="#"><u>folderName</u></a> <a href="#"><u>pds:personSummary</u></a>
annotation	documentation    Details which identify a PPF and provide information pertaining to the owner of the folder.
source	<pre> &lt;xs:element name="personalPublicFolderInfo" type="pds:PersonalPublicFolderInfoType"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Details which identify a PPF and provide information pertaining to the owner of the folder.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt; </pre>



element **personDetail**

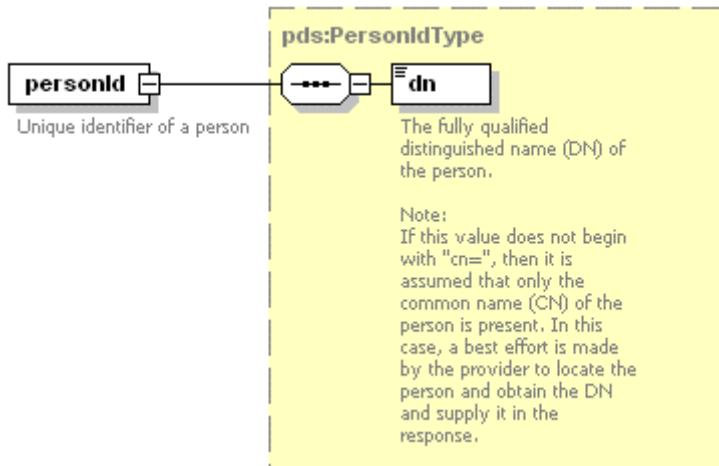
diagram



namespace	http://www.dod.mil/pds/1.0/pds#					
type	<a href="#">pds:PersonDetailType</a>					
children	<a href="#">firstName</a> <a href="#">lastName</a> <a href="#">pds:personId</a> <a href="#">telephoneNumber</a> <a href="#">pager</a> <a href="#">mail</a> <a href="#">instantMessageId</a> <a href="#">detailsURI</a> <a href="#">businessCategory</a> <a href="#">carLicense</a> <a href="#">departmentNumber</a> <a href="#">displayName</a> <a href="#">employeeNumber</a> <a href="#">employeeType</a> <a href="#">homePostalAddress</a> <a href="#">initials</a> <a href="#">labeledURI</a> <a href="#">manager</a> <a href="#">mobilePhone</a> <a href="#">organization</a> <a href="#">x500uniqueIdentifier</a> <a href="#">preferredLanguage</a> <a href="#">seeAlso</a> <a href="#">description</a> <a href="#">audio</a> <a href="#">jpegPhoto</a> <a href="#">photo</a> <a href="#">password</a> <a href="#">citizenships</a> <a href="#">clearances</a> <a href="#">roles</a>					
used by	complexType	<a href="#">PersonInfoType</a>				
attributes	Name isExpert	Type xs:boolean	Use required	Default	Fixed	Annotation
annotation	documentation Detailed level information describing a person. This information is derived from the LDAP inetOrgPerson object class.					
source	<pre>&lt;xs:element name="personDetail" type="pds:PersonDetailType"&gt; &lt;xs:annotation&gt;   &lt;xs:documentation&gt;Detailed level information describing a person. This information is derived from the LDAP inetOrgPerson object class.&lt;/xs:documentation&gt; &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>					

### element **personId**

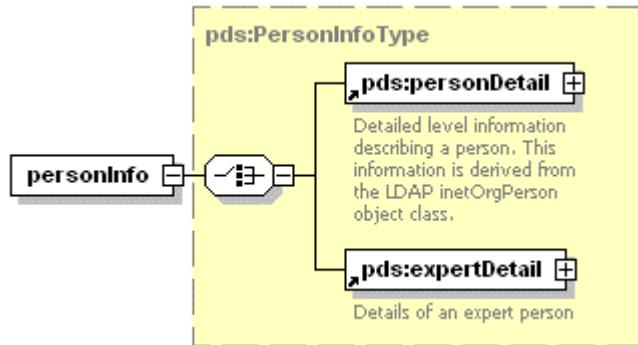
diagram



namespace	http://www.dod.mil/pds/1.0/pds#					
type	<a href="#">pds:PersonIdType</a>					
children	<a href="#">dn</a>					
used by	complexTypes	<a href="#">AddRolesToPersonsRequestType</a> <a href="#">GetPersonDetailsRequestType</a> <a href="#">GetPersonsInRolesResponseType</a> <a href="#">GetRolesRequestType</a> <a href="#">PersonSummaryType</a> <a href="#">RemoveAllRolesFromPersonsRequestType</a> <a href="#">RemoveRolesFromPersonsRequestType</a> <a href="#">UpdatePersonRequestType</a>				
annotation	documentation	Unique identifier of a person				
source	<pre>&lt;xs:element name="personId" type="pds:PersonIdType"&gt; &lt;xs:annotation&gt;   &lt;xs:documentation&gt;Unique identifier of a person&lt;/xs:documentation&gt; &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>					

**element personInfo**

diagram



namespace <http://www.dod.mil/pds/1.0/pds#>

type [pds:PersonInfoType](#)

children [pds:personDetail](#) [pds:expertDetail](#)

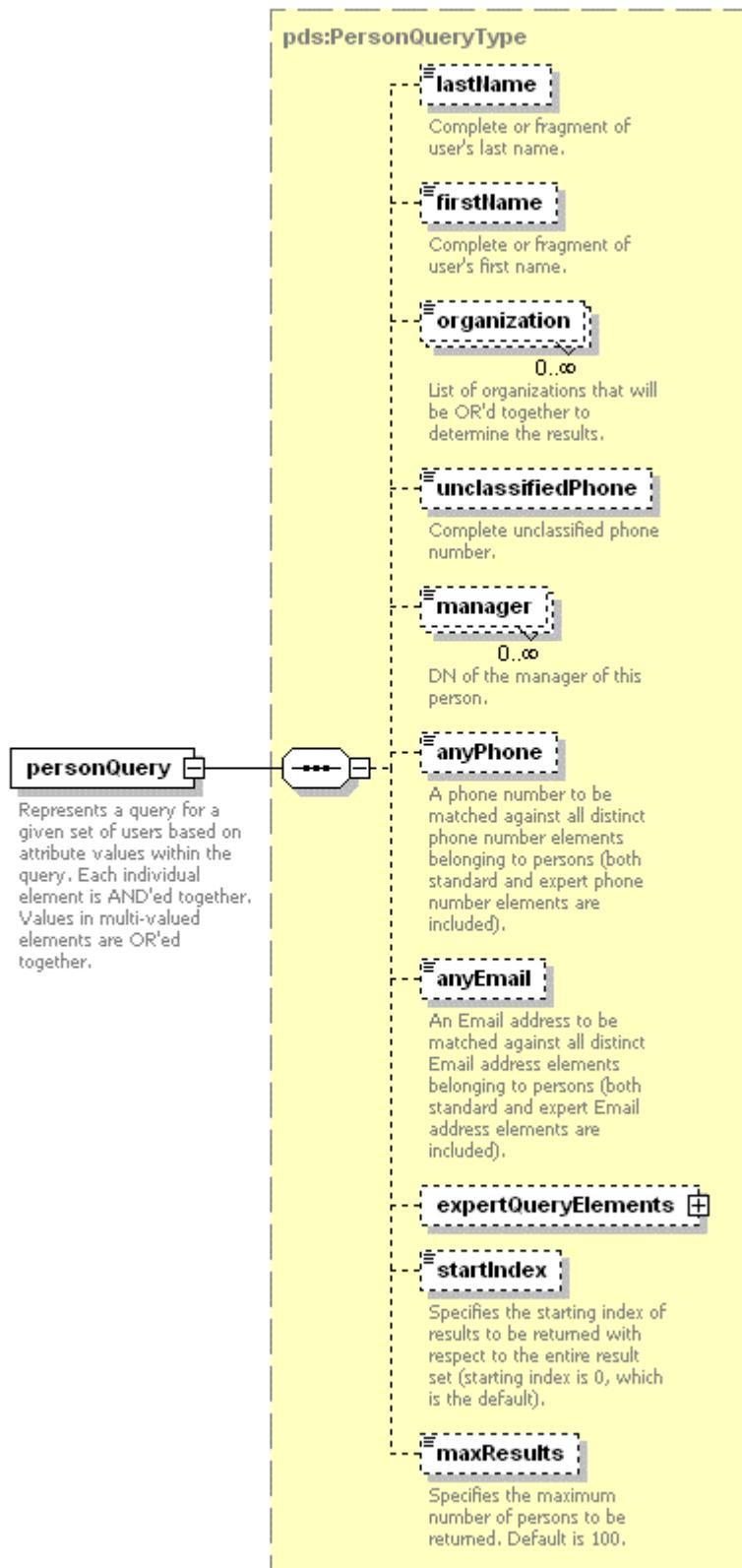
used by complexType [GetPersonDetailsResponseType](#)

source <xs:element name="personInfo" type="pds:PersonInfoType"/>



element **personQuery**

diagram

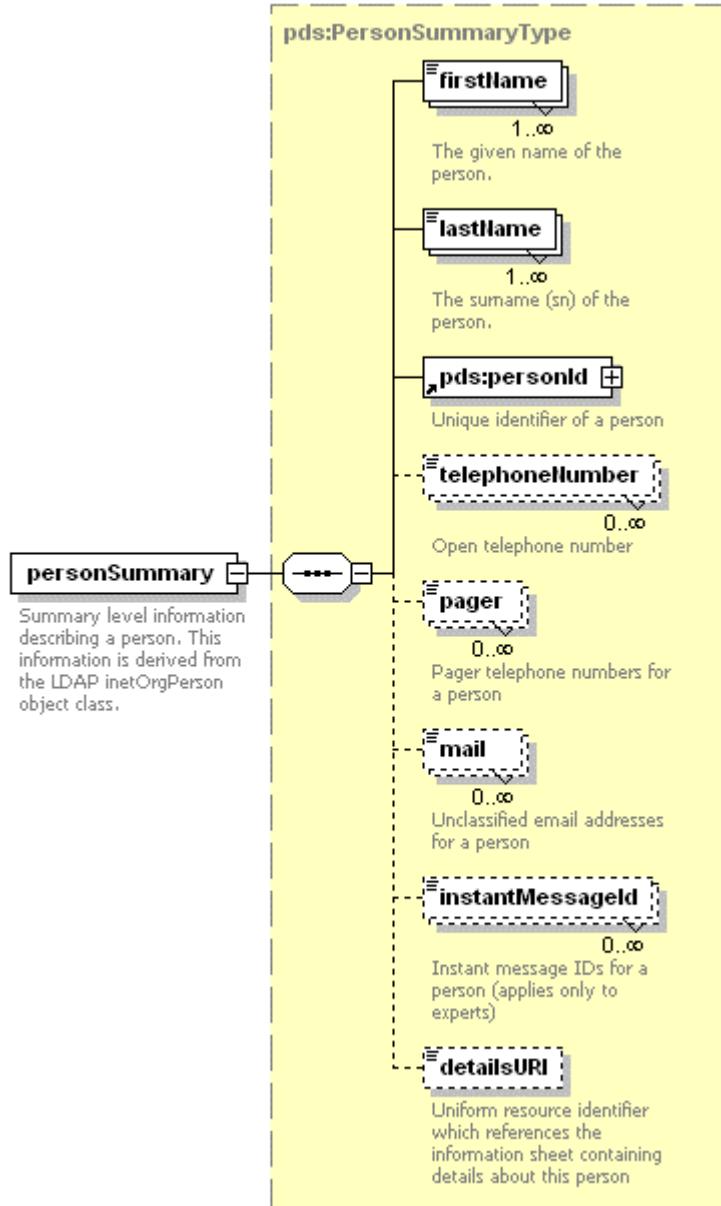




namespace	http://www.dod.mil/pds/1.0/pds#					
type	<a href="#">pds:PersonQueryType</a>					
children	<a href="#">lastName</a> <a href="#">firstName</a> <a href="#">organization</a> <a href="#">unclassifiedPhone</a> <a href="#">manager</a> <a href="#">anyPhone</a> <a href="#">anyEmail</a> <a href="#">expertQueryElements</a> <a href="#">startIndex</a> <a href="#">maxResults</a>					
used by	complexTypes <a href="#">CountPersonsRequestType</a> <a href="#">SearchPersonsRequestType</a>					
attributes	Name	Type	Use	Default	Fixed	Annotation
	expertsOnlyFlag	xs:boolean	required			
annotation	documentation	Represents a query for a given set of users based on attribute values within the query. Each individual element is AND'ed together. Values in multi-valued elements are OR'ed together.				
source	<pre>&lt;xs:element name="personQuery" type="pds:PersonQueryType"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Represents a query for a given set of users based on attribute values within the query. Each individual element is AND'ed together. Values in multi-valued elements are OR'ed together.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>					

**element personSummary**

diagram

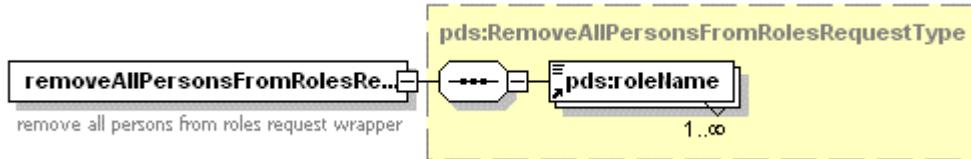


namespace	http://www.dod.mil/pds/1.0/pds#					
type	<a href="#">pds:PersonSummaryType</a>					
children	<a href="#">firstName</a> <a href="#">lastName</a> <a href="#">pds:personId</a> <a href="#">telephoneNumber</a> <a href="#">pager</a> <a href="#">mail</a> <a href="#">instantMessageId</a> <a href="#">detailsURI</a>					
used by	complexTypes <a href="#">PersonalPublicFolderInfoType</a> <a href="#">SearchPersonsResponseType</a>					
attributes	Name	Type	Use	Default	Fixed	Annotation
	<b>isExpert</b>	xs:boolean	required			
annotation	documentation	Summary level information describing a person. This information is derived from the LDAP <code>inetOrgPerson</code> object class.				

source `<xs:element name="personSummary" type="pds:PersonSummaryType">`  
`<xs:annotation>`  
`<xs:documentation>Summary level information describing a person. This information is derived from the LDAP`  
`inetOrgPerson object class.</xs:documentation>`  
`</xs:annotation>`  
`</xs:element>`

### element removeAllPersonsFromRolesRequest

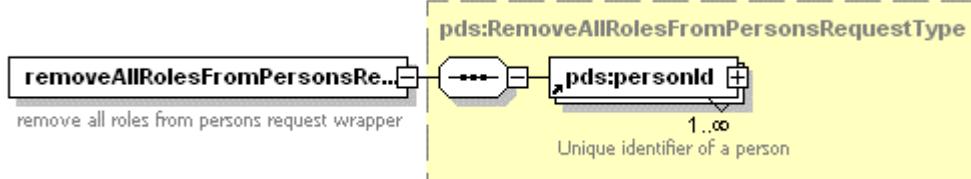
diagram



namespace <http://www.dod.mil/pds/1.0/pds#>  
 type [pds:RemoveAllPersonsFromRolesRequestType](#)  
 children [pds:roleName](#)  
 annotation documentation remove all persons from roles request wrapper  
 source `<xs:element name="removeAllPersonsFromRolesRequest" type="pds:RemoveAllPersonsFromRolesRequestType">`  
`<xs:annotation>`  
`<xs:documentation>remove all persons from roles request wrapper</xs:documentation>`  
`</xs:annotation>`  
`</xs:element>`

### element removeAllRolesFromPersonsRequest

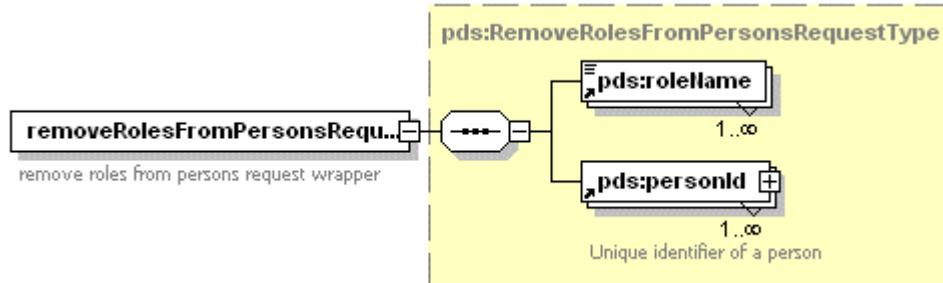
diagram



namespace <http://www.dod.mil/pds/1.0/pds#>  
 type [pds:RemoveAllRolesFromPersonsRequestType](#)  
 children [pds:personId](#)  
 annotation documentation remove all roles from persons request wrapper  
 source `<xs:element name="removeAllRolesFromPersonsRequest" type="pds:RemoveAllRolesFromPersonsRequestType">`  
`<xs:annotation>`  
`<xs:documentation>remove all roles from persons request wrapper</xs:documentation>`  
`</xs:annotation>`  
`</xs:element>`

### element removeRolesFromPersonsRequest

diagram



namespace	<a href="http://www.dod.mil/pds/1.0/pds#">http://www.dod.mil/pds/1.0/pds#</a>
type	<a href="#"><u>pds:RemoveRolesFromPersonsRequestType</u></a>
children	<a href="#"><u>pds:roleName</u></a> <a href="#"><u>pds:personId</u></a>
annotation	documentation remove roles from persons request wrapper
source	<pre> &lt;xs:element name="removeRolesFromPersonsRequest" type="pds:RemoveRolesFromPersonsRequestType"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;remove roles from persons request wrapper&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;   </pre>

### element roleName

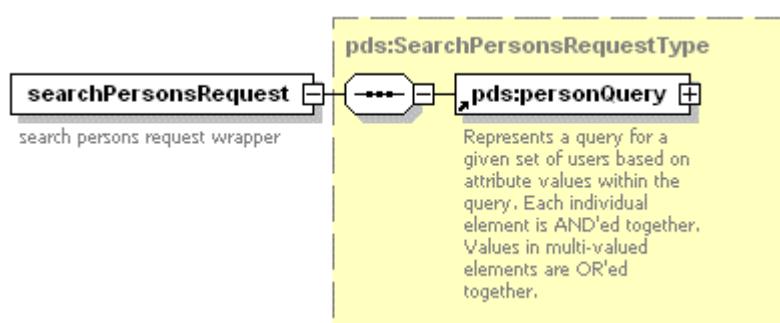
diagram



namespace	<a href="http://www.dod.mil/pds/1.0/pds#">http://www.dod.mil/pds/1.0/pds#</a>
type	<a href="#"><u>xs:string</u></a>
used by	<a href="#"><u>AddRolesToPersonsRequestType</u></a> <a href="#"><u>CreateRolesRequestType</u></a> <a href="#"><u>DeleteRolesRequestType</u></a> <a href="#"><u>GetPersonsInRolesRequestType</u></a> <a href="#"><u>GetRolesResponseType</u></a> <a href="#"><u>RemoveAllPersonsFromRolesRequestType</u></a> <a href="#"><u>RemoveRolesFromPersonsRequestType</u></a>
source	<pre> &lt;xs:element name="roleName" type="xs:string"/&gt;   </pre>

### element searchPersonsRequest

diagram

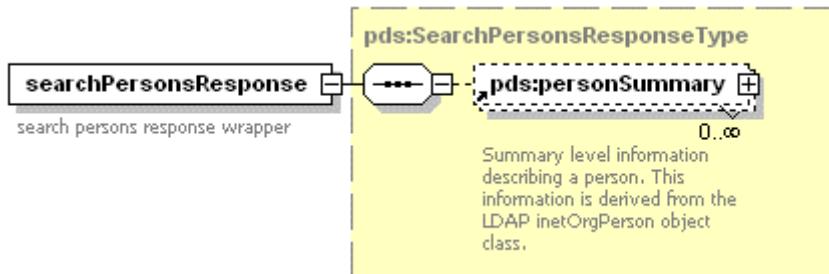


namespace	<a href="http://www.dod.mil/pds/1.0/pds#">http://www.dod.mil/pds/1.0/pds#</a>
-----------	---

type [pds:SearchPersonsRequestType](#)  
 children [pds:personQuery](#)  
 annotation documentation search persons request wrapper  
 source <xs:element name="searchPersonsRequest" type="pds:SearchPersonsRequestType">  
     <xs:annotation>  
         <xs:documentation>search persons request wrapper</xs:documentation>  
     </xs:annotation>  
</xs:element>

### element searchPersonsResponse

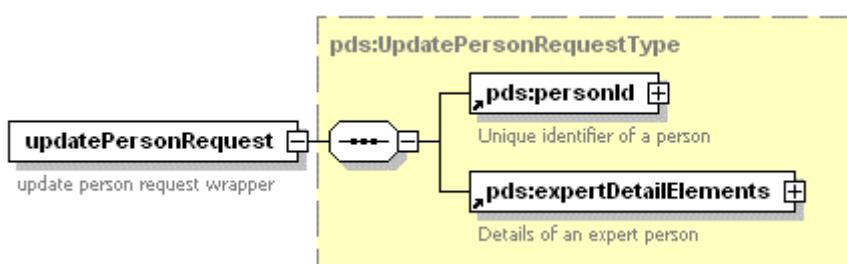
diagram



namespace <http://www.dod.mil/pds/1.0/pds#>  
 type [pds:SearchPersonsResponseType](#)  
 children [pds:personSummary](#)  
 annotation documentation search persons response wrapper  
 source <xs:element name="searchPersonsResponse" type="pds:SearchPersonsResponseType">  
     <xs:annotation>  
         <xs:documentation>search persons response wrapper</xs:documentation>  
     </xs:annotation>  
</xs:element>

### element updatePersonRequest

diagram



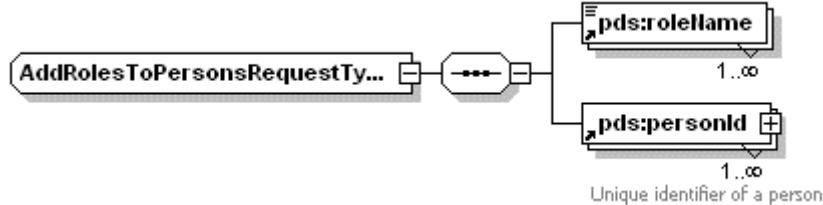
namespace <http://www.dod.mil/pds/1.0/pds#>  
 type [pds:UpdatePersonRequestType](#)  
 children [pds:personId](#) [pds:expertDetailElements](#)  
 annotation documentation update person request wrapper  
 source <xs:element name="updatePersonRequest" type="pds:UpdatePersonRequestType">  
     <xs:annotation>



```
<xs:documentation>update person request wrapper</xs:documentation>
</xs:annotation>
</xs:element>
```

### complexType AddRolesToPersonsRequestType

diagram



namespace <http://www.dod.mil/pds/1.0/pds#>

children [pds:roleName](#) [pds:personId](#)

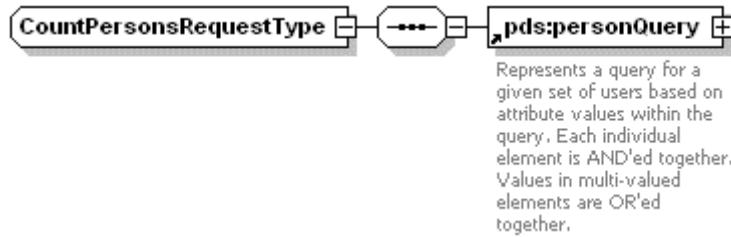
used by element [addRolesToPersonsRequest](#)

source

```
<xs:complexType name="AddRolesToPersonsRequestType">
  <xs:sequence>
    <xs:element ref="pds:roleName" maxOccurs="unbounded"/>
    <xs:element ref="pds:personId" maxOccurs="unbounded"/>
  </xs:sequence>
</xs:complexType>
```

### complexType CountPersonsRequestType

diagram



namespace <http://www.dod.mil/pds/1.0/pds#>

children [pds:personQuery](#)

used by element [countPersonsRequest](#)

source

```
<xs:complexType name="CountPersonsRequestType">
  <xs:sequence>
    <xs:element ref="pds:personQuery"/>
  </xs:sequence>
</xs:complexType>
```

### complexType CountPersonsResponseType

diagram



namespace <http://www.dod.mil/pds/1.0/pds#>

children [personCount](#)

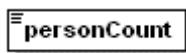


used by element [countPersonsResponse](#)

source <xs:complexType name="CountPersonsResponseType">  
 <xs:sequence>  
     <xs:element name="personCount" type="xs:long"/>  
 </xs:sequence>  
</xs:complexType>

#### element CountPersonsResponseType/personCount

diagram



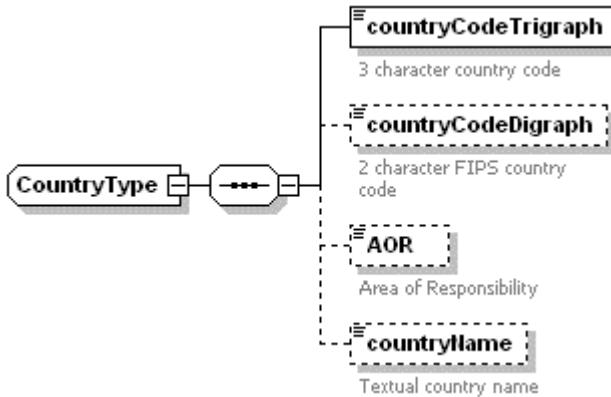
namespace <http://www.dod.mil/pds/1.0/pds#>

type **xs:long**

source <xs:element name="personCount" type="xs:long"/>

#### complexType CountryType

diagram



namespace <http://www.dod.mil/pds/1.0/pds#>

children [countryCodeTrigraph](#) [countryCodeDigraph](#) [AOR](#) [countryName](#)

used by elements [PersonDetailType/citizenships](#) [country](#) [ExpertDetailElementsType/country](#)

source <xs:complexType name="CountryType">  
 <xs:sequence>  
     <xs:element name="countryCodeTrigraph" type="xs:string">  
         <xs:annotation>  
             <xs:documentation>3 character country code</xs:documentation>  
         </xs:annotation>  
 </xs:element>  
     <xs:element name="countryCodeDigraph" type="xs:string" minOccurs="0">  
         <xs:annotation>  
             <xs:documentation>2 character FIPS country code</xs:documentation>  
         </xs:annotation>  
 </xs:element>  
     <xs:element name="AOR" type="xs:string" minOccurs="0">  
         <xs:annotation>  
             <xs:documentation>Area of Responsibility</xs:documentation>  
         </xs:annotation>  
 </xs:element>  
     <xs:element name="countryName" type="xs:string" minOccurs="0">  
         <xs:annotation>



```

<xs:documentation>Textual country name</xs:documentation>
</xs:annotation>
</xs:element>
</xs:sequence>
</xs:complexType>

```

### element CountryType/countryCodeTrigraph

diagram



namespace <http://www.dod.mil/pds/1.0/pds#>

type **xs:string**

annotation documentation 3 character country code

source <xs:element name="countryCodeTrigraph" type="xs:string">
<xs:annotation>
<xs:documentation>3 character country code</xs:documentation>
</xs:annotation>
</xs:element>

### element CountryType/countryCodeDigraph

diagram



namespace <http://www.dod.mil/pds/1.0/pds#>

type **xs:string**

annotation documentation 2 character FIPS country code

source <xs:element name="countryCodeDigraph" type="xs:string" minOccurs="0">
<xs:annotation>
<xs:documentation>2 character FIPS country code</xs:documentation>
</xs:annotation>
</xs:element>

### element CountryType/AOR

diagram



namespace <http://www.dod.mil/pds/1.0/pds#>

type **xs:string**

annotation documentation Area of Responsibility

source <xs:element name="AOR" type="xs:string" minOccurs="0">
<xs:annotation>
<xs:documentation>Area of Responsibility</xs:documentation>
</xs:annotation>
</xs:element>



### element CountryType/countryName

diagram



Textual country name

namespace <http://www.dod.mil/pds/1.0/pds#>

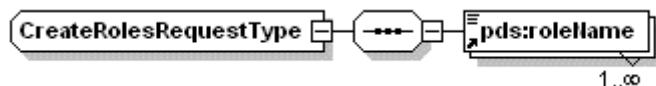
type **xs:string**

annotation documentation Textual country name

source <xs:element name="countryName" type="xs:string" minOccurs="0">  
<xs:annotation>  
<xs:documentation>Textual country name</xs:documentation>  
</xs:annotation>  
</xs:element>

### complexType CreateRolesRequestType

diagram



1..∞

namespace <http://www.dod.mil/pds/1.0/pds#>

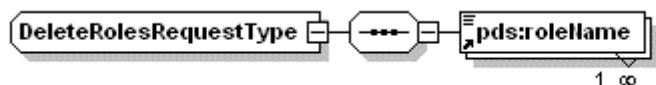
children **pds:roleName**

used by element [createRolesRequest](#)

source <xs:complexType name="CreateRolesRequestType">  
<xs:sequence>  
<xs:element ref="pds:roleName" maxOccurs="unbounded"/>  
</xs:sequence>  
</xs:complexType>

### complexType DeleteRolesRequestType

diagram



1..∞

namespace <http://www.dod.mil/pds/1.0/pds#>

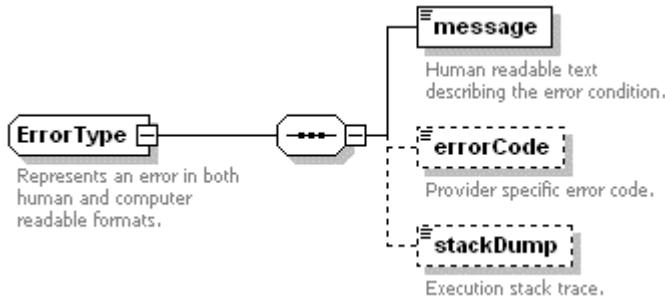
children **pds:roleName**

used by element [deleteRolesRequest](#)

source <xs:complexType name="DeleteRolesRequestType">  
<xs:sequence>  
<xs:element ref="pds:roleName" maxOccurs="unbounded"/>  
</xs:sequence>  
</xs:complexType>

### complexType ErrorType

diagram



namespace	<a href="http://www.dod.mil/pds/1.0/pds#">http://www.dod.mil/pds/1.0/pds#</a>
children	<a href="#">message</a> <a href="#">errorCode</a> <a href="#">stackDump</a>
used by	element <a href="#">error</a>
annotation	documentation Represents an error in both human and computer readable formats.
source	<pre> &lt;xs:complexType name="ErrorType"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Represents an error in both human and computer readable formats.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:sequence&gt;     &lt;xs:element name="message" type="xs:string" nillable="false"&gt;       &lt;xs:annotation&gt;         &lt;xs:documentation&gt;Human readable text describing the error condition.&lt;/xs:documentation&gt;       &lt;/xs:annotation&gt;     &lt;/xs:element&gt;     &lt;xs:element name="errorCode" type="xs:string" minOccurs="0"&gt;       &lt;xs:annotation&gt;         &lt;xs:documentation&gt;Provider specific error code.&lt;/xs:documentation&gt;       &lt;/xs:annotation&gt;     &lt;/xs:element&gt;     &lt;xs:element name="stackDump" type="xs:string" minOccurs="0"&gt;       &lt;xs:annotation&gt;         &lt;xs:documentation&gt;Execution stack trace.&lt;/xs:documentation&gt;       &lt;/xs:annotation&gt;     &lt;/xs:element&gt;   &lt;/xs:sequence&gt; &lt;/xs:complexType&gt;   </pre>

### element ErrorType/message

diagram



namespace	<a href="http://www.dod.mil/pds/1.0/pds#">http://www.dod.mil/pds/1.0/pds#</a>
type	<a href="#">xs:string</a>
annotation	documentation Human readable text describing the error condition.
source	<pre> &lt;xs:element name="message" type="xs:string" nillable="false"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Human readable text describing the error condition.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;   </pre>



</xs:element>

#### element **ErrorType/errorCode**

diagram



Provider specific error code.

namespace <http://www.dod.mil/pds/1.0/pds#>

type **xs:string**

annotation documentation Provider specific error code.

source

```
<xs:element name="errorCode" type="xs:string" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Provider specific error code.</xs:documentation>
  </xs:annotation>
</xs:element>
```

#### element **ErrorType/stackDump**

diagram



Execution stack trace.

namespace <http://www.dod.mil/pds/1.0/pds#>

type **xs:string**

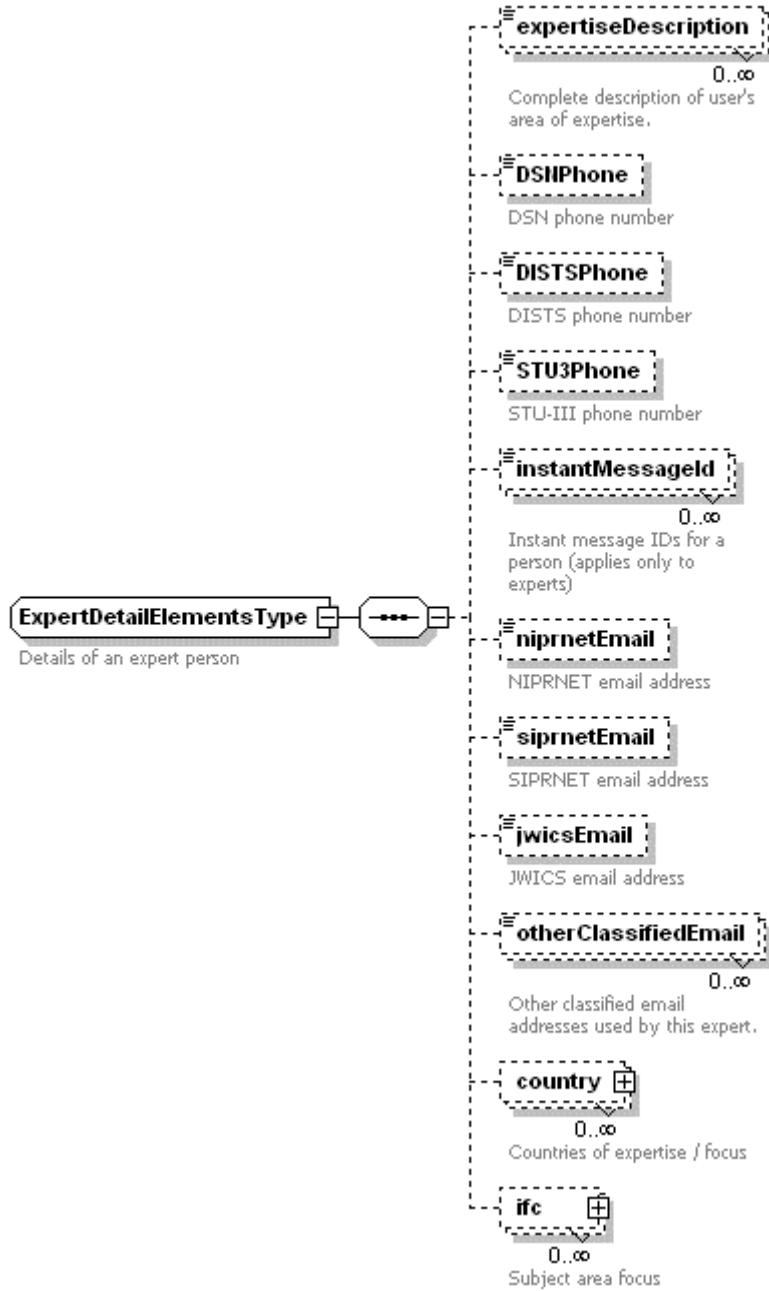
annotation documentation Execution stack trace.

source

```
<xs:element name="stackDump" type="xs:string" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Execution stack trace.</xs:documentation>
  </xs:annotation>
</xs:element>
```

complexType **ExpertDetailElementsType**

diagram



namespace <http://www.dod.mil/pds/1.0/pds#>

children [expertiseDescription](#) [DSNPhone](#) [DISTSPhone](#) [STU3Phone](#) [instantMessageld](#) [niprnetEmail](#) [siprnetEmail](#) [jwicsEmail](#) [otherClassifiedEmail](#) [country](#) [ifc](#)

used by elements [expertDetailElements](#) [ExpertDetailType/expertDetailElements](#)

annotation documentation Details of an expert person

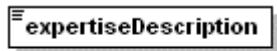


```
source <xs:complexType name="ExpertDetailElementsType">
<xs:annotation>
<xs:documentation>Details of an expert person</xs:documentation>
</xs:annotation>
<xs:sequence>
<xs:element name="expertiseDescription" type="xs:string" minOccurs="0" maxOccurs="unbounded">
<xs:annotation>
<xs:documentation>Complete description of user's area of expertise.</xs:documentation>
</xs:annotation>
</xs:element>
<xs:element name="DSNPhone" type="xs:string" minOccurs="0">
<xs:annotation>
<xs:documentation>DSN phone number</xs:documentation>
</xs:annotation>
</xs:element>
<xs:element name="DISTSPhone" type="xs:string" minOccurs="0">
<xs:annotation>
<xs:documentation>DISTS phone number</xs:documentation>
</xs:annotation>
</xs:element>
<xs:element name="STU3Phone" type="xs:string" minOccurs="0">
<xs:annotation>
<xs:documentation>STU-III phone number</xs:documentation>
</xs:annotation>
</xs:element>
<xs:element name="instantMessageId" type="xs:string" minOccurs="0" maxOccurs="unbounded">
<xs:annotation>
<xs:documentation>Instant message IDs for a person (applies only to experts)</xs:documentation>
</xs:annotation>
</xs:element>
<xs:element name="niprnetEmail" type="xs:string" minOccurs="0">
<xs:annotation>
<xs:documentation>NIPRNET email address</xs:documentation>
</xs:annotation>
</xs:element>
<xs:element name="siprnetEmail" type="xs:string" minOccurs="0">
<xs:annotation>
<xs:documentation>SIPRNET email address</xs:documentation>
</xs:annotation>
</xs:element>
<xs:element name="jwicsEmail" type="xs:string" minOccurs="0">
<xs:annotation>
<xs:documentation>JWICS email address</xs:documentation>
</xs:annotation>
</xs:element>
<xs:element name="otherClassifiedEmail" type="xs:string" minOccurs="0" maxOccurs="unbounded">
<xs:annotation>
<xs:documentation>Other classified email addresses used by this expert.</xs:documentation>
</xs:annotation>
</xs:element>
<xs:element name="country" type="pds:CountryType" minOccurs="0" maxOccurs="unbounded">
<xs:annotation>
<xs:documentation>Countries of expertise / focus</xs:documentation>
</xs:annotation>
</xs:element>
<xs:element name="ifc" type="pds:IfcType" minOccurs="0" maxOccurs="unbounded">
<xs:annotation>
<xs:documentation>Subject area focus</xs:documentation>
</xs:annotation>
</xs:element>
</xs:sequence>
</xs:complexType>
```



#### element ExpertDetailElementsType/expertiseDescription

diagram



Complete description of user's area of expertise.

namespace <http://www.dod.mil/pds/1.0/pds#>

type **xs:string**

annotation documentation Complete description of user's area of expertise.

source <xs:element name="expertiseDescription" type="xs:string" minOccurs="0" maxOccurs="unbounded">  
<xs:annotation>  
  <xs:documentation>Complete description of user's area of expertise.</xs:documentation>  
  </xs:annotation>  
</xs:element>

#### element ExpertDetailElementsType/DSNPhone

diagram



DSN phone number

namespace <http://www.dod.mil/pds/1.0/pds#>

type **xs:string**

annotation documentation DSN phone number

source <xs:element name="DSNPhone" type="xs:string" minOccurs="0">  
<xs:annotation>  
  <xs:documentation>DSN phone number</xs:documentation>  
  </xs:annotation>  
</xs:element>

#### element ExpertDetailElementsType/DISTSPhone

diagram



DISTS phone number

namespace <http://www.dod.mil/pds/1.0/pds#>

type **xs:string**

annotation documentation DISTS phone number

source <xs:element name="DISTSPHONE" type="xs:string" minOccurs="0">  
<xs:annotation>  
  <xs:documentation>DISTS phone number</xs:documentation>  
  </xs:annotation>  
</xs:element>



#### element ExpertDetailElementsType/STU3Phone

diagram



namespace <http://www.dod.mil/pds/1.0/pds#>

type **xs:string**

annotation documentation STU-III phone number

source <xs:element name="STU3Phone" type="xs:string" minOccurs="0">  
   <xs:annotation>  
     <xs:documentation>STU-III phone number</xs:documentation>  
   </xs:annotation>  
 </xs:element>

#### element ExpertDetailElementsType/instantMessageId

diagram



namespace <http://www.dod.mil/pds/1.0/pds#>

type **xs:string**

annotation documentation Instant message IDs for a person (applies only to experts)

source <xs:element name="instantMessageId" type="xs:string" minOccurs="0" maxOccurs="unbounded">  
   <xs:annotation>  
     <xs:documentation>Instant message IDs for a person (applies only to experts)</xs:documentation>  
   </xs:annotation>  
 </xs:element>

#### element ExpertDetailElementsType/niprnetEmail

diagram



namespace <http://www.dod.mil/pds/1.0/pds#>

type **xs:string**

annotation documentation NIPRNET email address

source <xs:element name="niprnetEmail" type="xs:string" minOccurs="0">  
   <xs:annotation>  
     <xs:documentation>NIPRNET email address</xs:documentation>  
   </xs:annotation>  
 </xs:element>



#### element ExpertDetailElementsType/siprnetEmail

diagram



SIPRNET email address

namespace <http://www.dod.mil/pds/1.0/pds#>

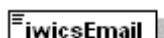
type **xs:string**

annotation documentation SIPRNET email address

```
<xs:element name="siprnetEmail" type="xs:string" minOccurs="0">
  <xs:annotation>
    <xs:documentation>SIPRNET email address</xs:documentation>
  </xs:annotation>
</xs:element>
```

#### element ExpertDetailElementsType/jwicsEmail

diagram



JWICS email address

namespace <http://www.dod.mil/pds/1.0/pds#>

type **xs:string**

annotation documentation JWICS email address

```
<xs:element name="jwicsEmail" type="xs:string" minOccurs="0">
  <xs:annotation>
    <xs:documentation>JWICS email address</xs:documentation>
  </xs:annotation>
</xs:element>
```

#### element ExpertDetailElementsType/otherClassifiedEmail

diagram



Other classified email addresses used by this expert.

namespace <http://www.dod.mil/pds/1.0/pds#>

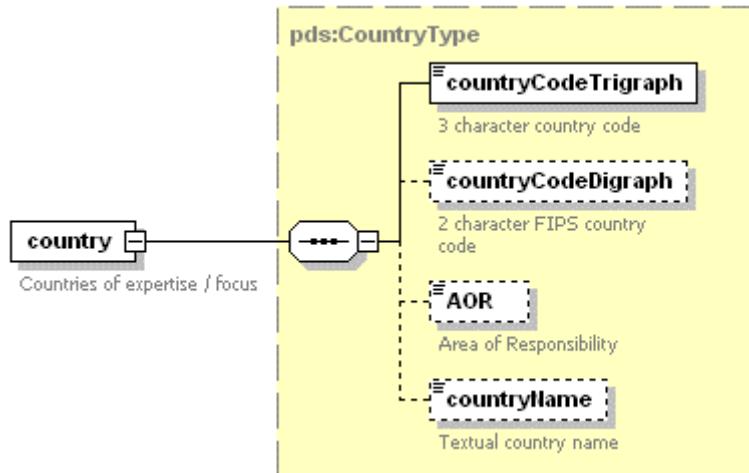
type **xs:string**

annotation documentation Other classified email addresses used by this expert.

```
<xs:element name="otherClassifiedEmail" type="xs:string" minOccurs="0" maxOccurs="unbounded">
  <xs:annotation>
    <xs:documentation>Other classified email addresses used by this expert.</xs:documentation>
  </xs:annotation>
</xs:element>
```

**element ExpertDetailElementsType/country**

diagram



namespace <http://www.dod.mil/pds/1.0/pds#>

type [pds:CountryType](#)

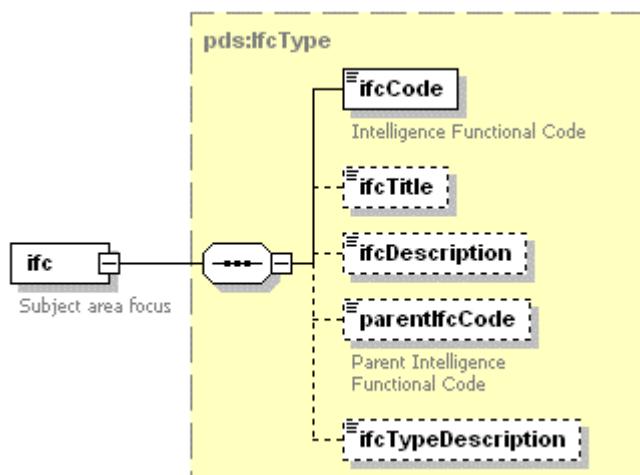
children [countryCodeTrigraph](#) [countryCodeDigraph](#) [AOR](#) [countryName](#)

annotation documentation Countries of expertise / focus

source <xs:element name="country" type="pds:CountryType" minOccurs="0" maxOccurs="unbounded">
<xs:annotation>
<xs:documentation>Countries of expertise / focus</xs:documentation>
</xs:annotation>
</xs:element>

**element ExpertDetailElementsType/ifc**

diagram



namespace <http://www.dod.mil/pds/1.0/pds#>

type [pds:IfcType](#)

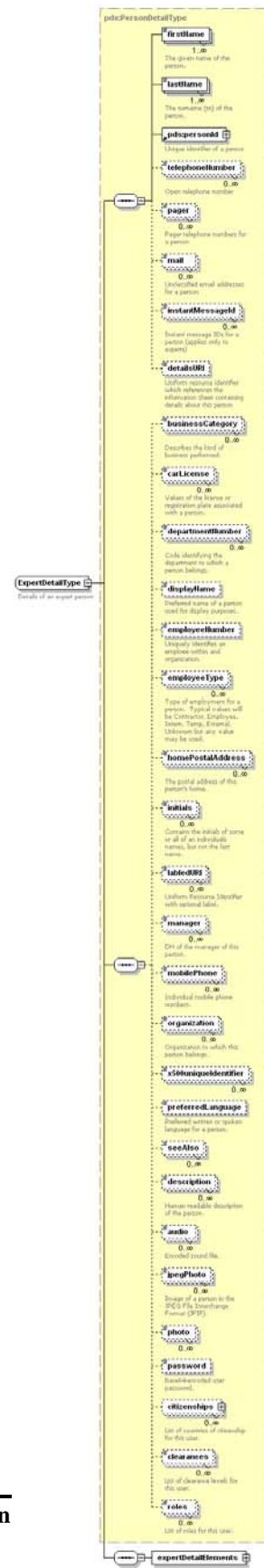


children    [ifcCode](#) [ifcTitle](#) [ifcDescription](#) [parentIfcCode](#) [ifcTypeDescription](#)  
annotation    documentation    Subject area focus  
source    <xs:element name="ifc" type="pds:IfcType" minOccurs="0" maxOccurs="unbounded">  
            <xs:annotation>  
                <xs:documentation>Subject area focus</xs:documentation>  
            </xs:annotation>  
          </xs:element>



complexType **ExpertDetailType**

diagram

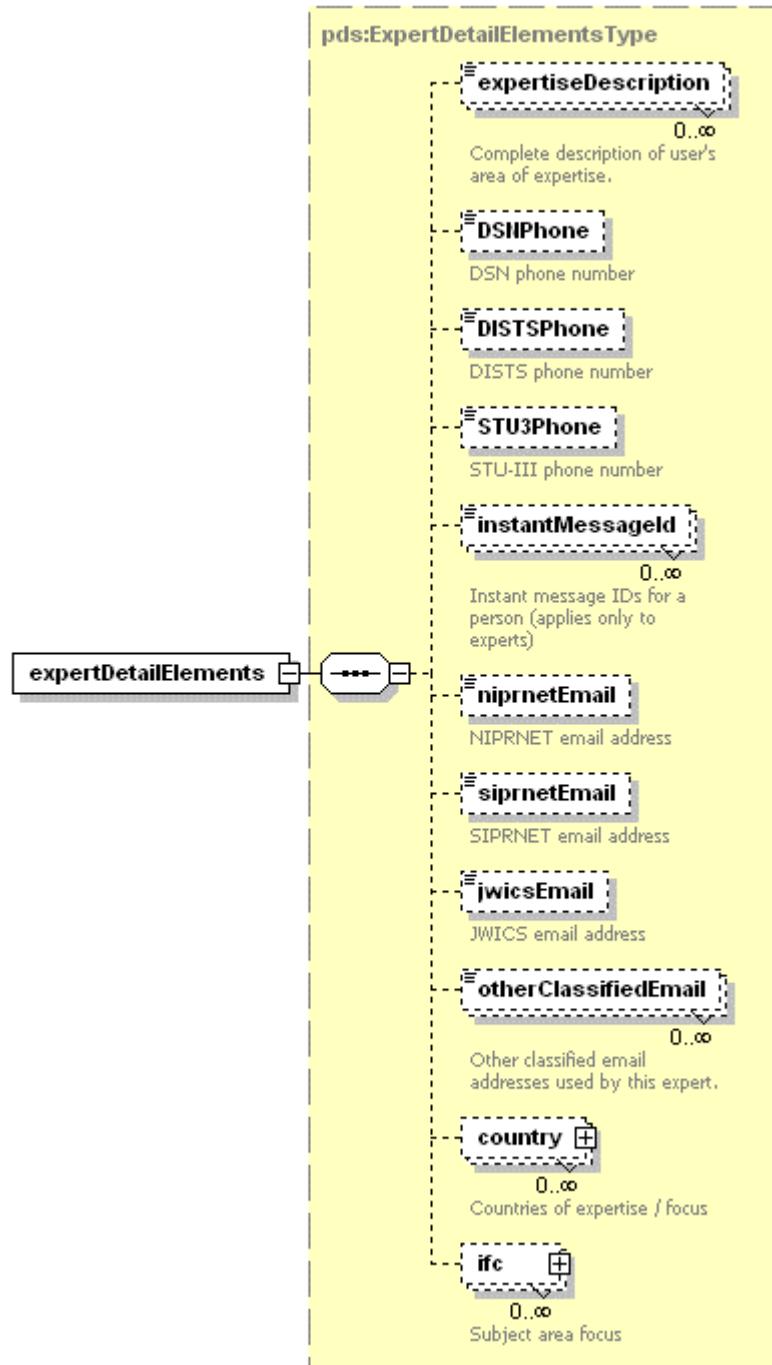




namespace	http://www.dod.mil/pds/1.0/pds#				
type	extension of <a href="#">pds:PersonDetailType</a>				
children	<a href="#">firstName</a> <a href="#">lastName</a> <a href="#">pds:personId</a> <a href="#">telephoneNumber</a> <a href="#">pager</a> <a href="#">mail</a> <a href="#">instantMessageId</a> <a href="#">detailsURI</a> <a href="#">businessCategory</a> <a href="#">carLicense</a> <a href="#">departmentNumber</a> <a href="#">displayName</a> <a href="#">employeeNumber</a> <a href="#">employeeType</a> <a href="#">homePostalAddress</a> <a href="#">initials</a> <a href="#">labeledURI</a> <a href="#">manager</a> <a href="#">mobilePhone</a> <a href="#">organization</a> <a href="#">x500uniqueIdentifier</a> <a href="#">preferredLanguage</a> <a href="#">seeAlso</a> <a href="#">description</a> <a href="#">audio</a> <a href="#">jpegPhoto</a> <a href="#">photo</a> <a href="#">password</a> <a href="#">citizenships</a> <a href="#">clearances</a> <a href="#">roles</a> <a href="#">expertDetailElements</a>				
used by	element <a href="#">expertDetail</a>				
attributes	Name isExpert	Type xs:boolean	Use required	Default	Fixed
annotation	documentation	Details of an expert person			
source	<pre>&lt;xs:complexType name="ExpertDetailType"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Details of an expert person&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:complexContent&gt;     &lt;xs:extension base="pds:PersonDetailType"&gt;       &lt;xs:sequence&gt;         &lt;xs:element name="expertDetailElements" type="pds:ExpertDetailElementsType"/&gt;       &lt;/xs:sequence&gt;     &lt;/xs:extension&gt;   &lt;/xs:complexContent&gt; &lt;/xs:complexType&gt;</pre>				Annotation

element **ExpertDetailType/expertDetailElements**

diagram



namespace <http://www.dod.mil/pds/1.0/pds#>

type [pds:ExpertDetailElementsType](#)

children [expertiseDescription](#) [DSNPhone](#) [DISTSPhone](#) [STU3Phone](#) [instantMessageId](#) [niprnetEmail](#) [siprnetEmail](#) [jwicsEmail](#)

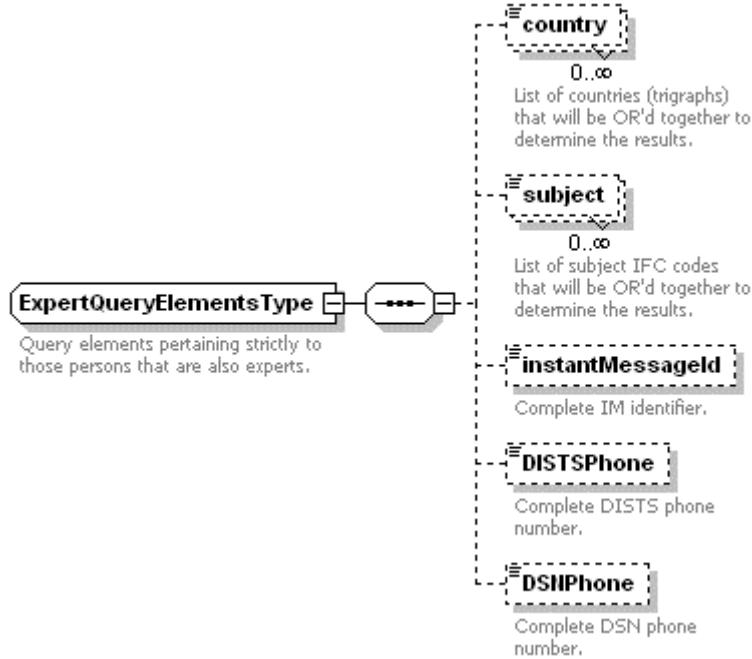


#### otherClassifiedEmail country ifc

source <xs:element name="expertDetailElements" type="pds:ExpertDetailElementsType"/>

#### complexType **ExpertQueryElementsType**

diagram



namespace	http://www.dod.mil/pds/1.0/pds#
children	<a href="#">country</a> <a href="#">subject</a> <a href="#">instantMessageld</a> <a href="#">DISTSPhone</a> <a href="#">DSNPhone</a>
used by	elements <a href="#">expertQueryElements</a> <a href="#">PersonQueryType/expertQueryElements</a>
annotation	documentation Query elements pertaining strictly to those persons that are also experts.
source	<pre> &lt;xs:complexType name="ExpertQueryElementsType"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Query elements pertaining strictly to those persons that are also experts.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:sequence&gt;     &lt;xs:element name="country" type="xs:string" minOccurs="0" maxOccurs="unbounded"&gt;       &lt;xs:annotation&gt;         &lt;xs:documentation&gt;List of countries (trigraphs) that will be OR'd together to determine the results.&lt;/xs:documentation&gt;       &lt;/xs:annotation&gt;     &lt;/xs:element&gt;     &lt;xs:element name="subject" type="xs:string" minOccurs="0" maxOccurs="unbounded"&gt;       &lt;xs:annotation&gt;         &lt;xs:documentation&gt;List of subject IFC codes that will be OR'd together to determine the results.&lt;/xs:documentation&gt;       &lt;/xs:annotation&gt;     &lt;/xs:element&gt;     &lt;xs:element name="instantMessageld" type="xs:string" minOccurs="0"&gt;       &lt;xs:annotation&gt;         &lt;xs:documentation&gt;Complete IM identifier.&lt;/xs:documentation&gt;       &lt;/xs:annotation&gt;     &lt;/xs:element&gt;     &lt;xs:element name="DISTSPhone" type="xs:string" minOccurs="0"&gt;       &lt;xs:annotation&gt;         &lt;xs:documentation&gt;Complete DISTS phone number.&lt;/xs:documentation&gt;       &lt;/xs:annotation&gt;     &lt;/xs:element&gt;   &lt;/xs:sequence&gt; &lt;/xs:complexType&gt; </pre>



```

</xs:annotation>
</xs:element>
<xs:element name="DSNPhone" type="xs:string" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Complete DSN phone number.</xs:documentation>
  </xs:annotation>
</xs:element>
</xs:sequence>
</xs:complexType>

```

### element ExpertQueryElementsType/country

diagram



List of countries (trigraphs) that will be OR'd together to determine the results.

namespace <http://www.dod.mil/pds/1.0/pds#>

type **xs:string**

annotation documentation List of countries (trigraphs) that will be OR'd together to determine the results.

source <xs:element name="country" type="xs:string" minOccurs="0" maxOccurs="unbounded">
 <xs:annotation>
 <xs:documentation>List of countries (trigraphs) that will be OR'd together to determine the results.</xs:documentation>
 </xs:annotation>
</xs:element>

### element ExpertQueryElementsType/subject

diagram



List of subject IFC codes that will be OR'd together to determine the results.

namespace <http://www.dod.mil/pds/1.0/pds#>

type **xs:string**

annotation documentation List of subject IFC codes that will be OR'd together to determine the results.

source <xs:element name="subject" type="xs:string" minOccurs="0" maxOccurs="unbounded">
 <xs:annotation>
 <xs:documentation>List of subject IFC codes that will be OR'd together to determine the results.</xs:documentation>
 </xs:annotation>
</xs:element>

### element ExpertQueryElementsType/instantMessageId

diagram



Complete IM identifier.

namespace <http://www.dod.mil/pds/1.0/pds#>

type **xs:string**

annotation documentation Complete IM identifier.



source <xs:element name="instantMessageId" type="xs:string" minOccurs="0">  
   <xs:annotation>  
     <xs:documentation>Complete IM identifier.</xs:documentation>  
   </xs:annotation>  
</xs:element>

### element ExpertQueryElementsType/DISTSPhone



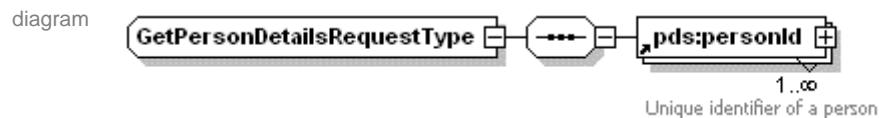
namespace <http://www.dod.mil/pds/1.0/pds#>  
 type **xs:string**  
 annotation documentation Complete DISTS phone number.  
 source <xs:element name="DISTSPhone" type="xs:string" minOccurs="0">  
   <xs:annotation>  
     <xs:documentation>Complete DISTS phone number.</xs:documentation>  
   </xs:annotation>  
</xs:element>

### element ExpertQueryElementsType/DSNPhone



namespace <http://www.dod.mil/pds/1.0/pds#>  
 type **xs:string**  
 annotation documentation Complete DSN phone number.  
 source <xs:element name="DSNPhone" type="xs:string" minOccurs="0">  
   <xs:annotation>  
     <xs:documentation>Complete DSN phone number.</xs:documentation>  
   </xs:annotation>  
</xs:element>

### complexType GetPersonDetailsRequestType



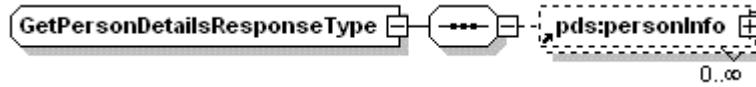
namespace <http://www.dod.mil/pds/1.0/pds#>  
 children **pds:personId**  
 used by element [getPersonDetailsRequest](#)  
 source <xs:complexType name="GetPersonDetailsRequestType">  
   <xs:sequence>  
     <xs:element ref="pds:personId" maxOccurs="unbounded"/>  
   </xs:sequence>



</xs:complexType>

#### complexType **GetPersonDetailsResponseType**

diagram



namespace <http://www.dod.mil/pds/1.0/pds#>

children [\*\*pds:personInfo\*\*](#)

used by element [\*\*getPersonDetailsResponse\*\*](#)

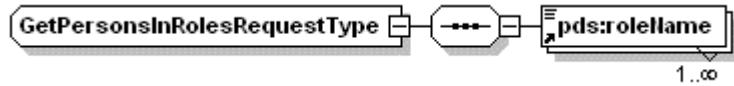
source

```

<xs:complexType name="GetPersonDetailsResponseType">
  <xs:sequence>
    <xs:element ref="pds:personInfo" minOccurs="0" maxOccurs="unbounded"/>
  </xs:sequence>
</xs:complexType>
  
```

#### complexType **GetPersonsInRolesRequestType**

diagram



namespace <http://www.dod.mil/pds/1.0/pds#>

children [\*\*pds:roleName\*\*](#)

used by element [\*\*getPersonsInRolesRequest\*\*](#)

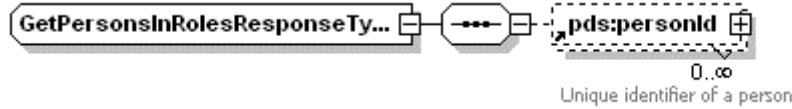
source

```

<xs:complexType name="GetPersonsInRolesRequestType">
  <xs:sequence>
    <xs:element ref="pds:roleName" maxOccurs="unbounded"/>
  </xs:sequence>
</xs:complexType>
  
```

#### complexType **GetPersonsInRolesResponseType**

diagram



namespace <http://www.dod.mil/pds/1.0/pds#>

children [\*\*pds:personId\*\*](#)

used by element [\*\*getPersonsInRolesResponse\*\*](#)

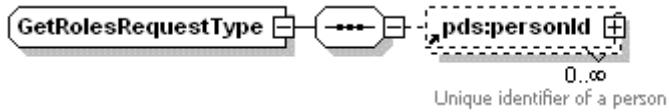
source

```

<xs:complexType name="GetPersonsInRolesResponseType">
  <xs:sequence>
    <xs:element ref="pds:personId" minOccurs="0" maxOccurs="unbounded"/>
  </xs:sequence>
</xs:complexType>
  
```

### complexType GetRolesRequestType

diagram



namespace <http://www.dod.mil/pds/1.0/pds#>

children [pds:personId](#)

used by element [getRolesRequest](#)

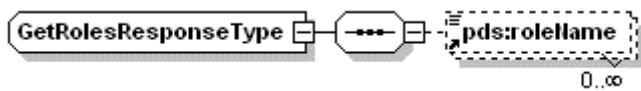
source
 

```

<xs:complexType name="GetRolesRequestType">
  <xs:sequence>
    <xs:element ref="pds:personId" minOccurs="0" maxOccurs="unbounded"/>
  </xs:sequence>
</xs:complexType>
```

### complexType GetRolesResponseType

diagram



namespace <http://www.dod.mil/pds/1.0/pds#>

children [pds:roleName](#)

used by element [getRolesResponse](#)

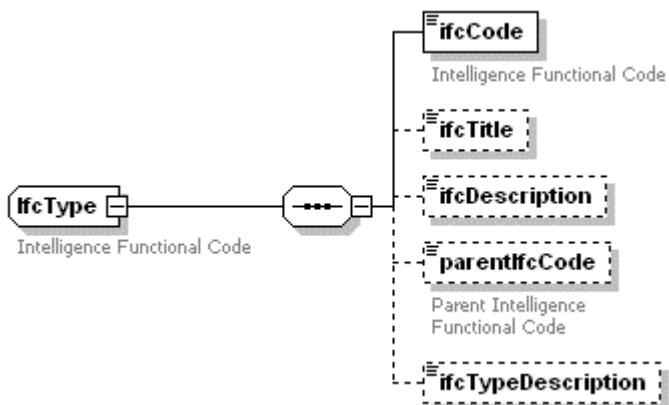
source
 

```

<xs:complexType name="GetRolesResponseType">
  <xs:sequence>
    <xs:element ref="pds:roleName" minOccurs="0" maxOccurs="unbounded"/>
  </xs:sequence>
</xs:complexType>
```

### complexType IfcType

diagram



namespace <http://www.dod.mil/pds/1.0/pds#>

children [ifcCode](#) [ifcTitle](#) [ifcDescription](#) [parentIfcCode](#) [ifcTypeDescription](#)



used by elements [\*\*ifc ExpertDetailElementsType/ifc\*\*](#)  
annotation documentation Intelligence Functional Code  
source <xs:complexType name="IfcType">  
<xs:annotation>  
<xs:documentation>Intelligence Functional Code</xs:documentation>  
<xs:annotation>  
<xs:sequence>  
<xs:element name="ifcCode" type="xs:string">  
<xs:annotation>  
<xs:documentation>Intelligence Functional Code</xs:documentation>  
</xs:annotation>  
</xs:element>  
<xs:element name="ifcTitle" type="xs:string" minOccurs="0"/>  
<xs:element name="ifcDescription" type="xs:string" minOccurs="0"/>  
<xs:element name="parentIfcCode" type="xs:string" minOccurs="0">  
<xs:annotation>  
<xs:documentation>Parent Intelligence Functional Code</xs:documentation>  
</xs:annotation>  
</xs:element>  
<xs:element name="ifcTypeDescription" type="xs:string" minOccurs="0"/>  
</xs:sequence>  
</xs:complexType>

### element IfcType/ifcCode



namespace <http://www.dod.mil/pds/1.0/pds#>  
type **xs:string**  
annotation documentation Intelligence Functional Code  
source <xs:element name="ifcCode" type="xs:string">  
<xs:annotation>  
<xs:documentation>Intelligence Functional Code</xs:documentation>  
</xs:annotation>  
</xs:element>

### element IfcType/ifcTitle

diagram

namespace <http://www.dod.mil/pds/1.0/pds#>  
type **xs:string**  
source <xs:element name="ifcTitle" type="xs:string" minOccurs="0"/>

### element IfcType/ifcDescription

diagram

namespace <http://www.dod.mil/pds/1.0/pds#>



type **xs:string**  
 source <xs:element name="ifcDescription" type="xs:string" minOccurs="0"/>

#### element IfcType/parentIfcCode

diagram  
  
 Parent Intelligence Functional Code

namespace <http://www.dod.mil/pds/1.0/pds#>  
 type **xs:string**  
 annotation documentation Parent Intelligence Functional Code  
 source <xs:element name="parentIfcCode" type="xs:string" minOccurs="0">  
<xs:annotation>  
<xs:documentation>Parent Intelligence Functional Code</xs:documentation>  
</xs:annotation>  
</xs:element>

#### element IfcType/ifcTypeDescription

diagram  
  
 The path associated with the folder relative to the user's root folder.

namespace <http://www.dod.mil/pds/1.0/pds#>  
 type **xs:string**  
 source <xs:element name="ifcTypeDescription" type="xs:string" minOccurs="0"/>

#### complexType PersonalPublicFolderInfoType

diagram  
  
 Details which identify a PPF and provide information pertaining to the owner of the folder.

namespace <http://www.dod.mil/pds/1.0/pds#>  
 children [folderName](#) [pds:personSummary](#)  
 used by element [personalPublicFolderInfo](#)  
 annotation documentation Details which identify a PPF and provide information pertaining to the owner of the folder.  
 source <xs:complexType name="PersonalPublicFolderInfoType">  
<xs:annotation>  
<xs:documentation>Details which identify a PPF and provide information pertaining to the owner of the folder.</xs:documentation>



```
</xs:annotation>
<xs:sequence>
<xs:element name="folderName" type="xs:string">
  <xs:annotation>
    <xs:documentation>The path associated with the folder relative to the user's root folder.</xs:documentation>
  </xs:annotation>
<xs:element>
  <xs:element ref="pds:personSummary"/>
</xs:sequence>
</xs:complexType>
```

#### element PersonalPublicFolderInfoType/folderName

diagram



The path associated with the folder relative to the user's root folder.

namespace http://www.dod.mil/pds/1.0/pds#

type xs:string

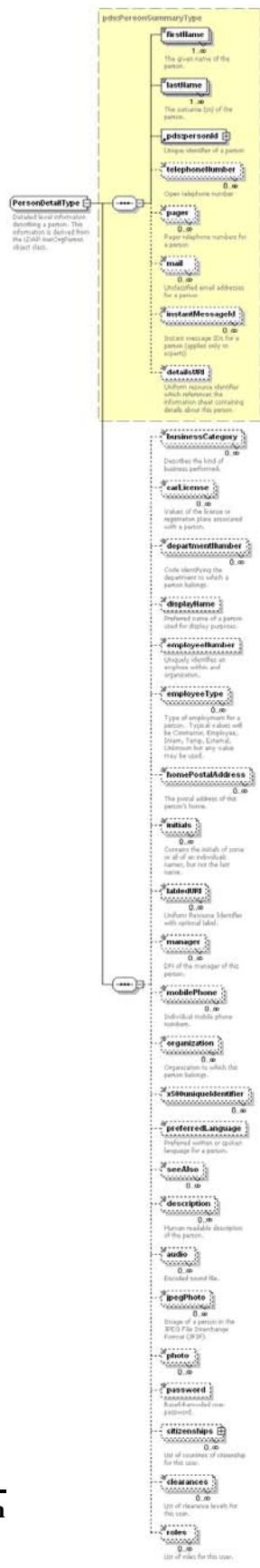
annotation documentation The path associated with the folder relative to the user's root folder.

source <xs:element name="folderName" type="xs:string">
 <xs:annotation>
 <xs:documentation>The path associated with the folder relative to the user's root folder.</xs:documentation>
 </xs:annotation>
</xs:element>



complexType **PersonDetailType**

diagram





namespace	http://www.dod.mil/pds/1.0/pds#					
type	extension of <a href="#">pds:PersonSummaryType</a>					
children	<a href="#">firstName</a> <a href="#">lastName</a> <a href="#">personId</a> <a href="#">telephoneNumber</a> <a href="#">pager</a> <a href="#">mail</a> <a href="#">instantMessageId</a> <a href="#">detailsURI</a> <a href="#">businessCategory</a> <a href="#">carLicense</a> <a href="#">departmentNumber</a> <a href="#">displayName</a> <a href="#">employeeNumber</a> <a href="#">employeeType</a> <a href="#">homePostalAddress</a> <a href="#">initials</a> <a href="#">labeledURI</a> <a href="#">manager</a> <a href="#">mobilePhone</a> <a href="#">organization</a> <a href="#">x500uniqueIdentifier</a> <a href="#">preferredLanguage</a> <a href="#">seeAlso</a> <a href="#">description</a> <a href="#">audio</a> <a href="#">jpegPhoto</a> <a href="#">photo</a> <a href="#">password</a> <a href="#">citizenships</a> <a href="#">clearances</a> <a href="#">roles</a>					
used by	element	<a href="#">personDetail</a>				
	complexType	<a href="#">ExpertDetailType</a>				
attributes	Name	Type	Use	Default	Fixed	Annotation
	isExpert	xs:boolean	required			
annotation	documentation	Detailed level information describing a person. This information is derived from the LDAP inetOrgPerson object class.				
source	<pre> &lt;xs:complexType name="PersonDetailType"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Detailed level information describing a person. This information is derived from the LDAP inetOrgPerson object class.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:complexContent&gt;     &lt;xs:extension base="pds:PersonSummaryType"&gt;       &lt;xs:sequence&gt;         &lt;xs:element name="businessCategory" type="xs:string" minOccurs="0" maxOccurs="unbounded"&gt;           &lt;xs:annotation&gt;             &lt;xs:documentation&gt;Describes the kind of business performed.&lt;/xs:documentation&gt;           &lt;/xs:annotation&gt;         &lt;/xs:element&gt;         &lt;xs:element name="carLicense" type="xs:string" minOccurs="0" maxOccurs="unbounded"&gt;           &lt;xs:annotation&gt;             &lt;xs:documentation&gt;Values of the license or registration plate associated with a person.&lt;/xs:documentation&gt;           &lt;/xs:annotation&gt;         &lt;/xs:element&gt;         &lt;xs:element name="departmentNumber" type="xs:string" minOccurs="0" maxOccurs="unbounded"&gt;           &lt;xs:annotation&gt;             &lt;xs:documentation&gt;Code identifying the department to which a person belongs.&lt;/xs:documentation&gt;           &lt;/xs:annotation&gt;         &lt;/xs:element&gt;         &lt;xs:element name="displayName" type="xs:string" minOccurs="0"&gt;           &lt;xs:annotation&gt;             &lt;xs:documentation&gt;Preferred name of a person used for display purposes.&lt;/xs:documentation&gt;           &lt;/xs:annotation&gt;         &lt;/xs:element&gt;         &lt;xs:element name="employeeNumber" type="xs:string" minOccurs="0"&gt;           &lt;xs:annotation&gt;             &lt;xs:documentation&gt;Uniquely identifies an employee within an organization.&lt;/xs:documentation&gt;           &lt;/xs:annotation&gt;         &lt;/xs:element&gt;         &lt;xs:element name="employeeType" type="xs:string" minOccurs="0" maxOccurs="unbounded"&gt;           &lt;xs:annotation&gt;             &lt;xs:documentation&gt;Type of employment for a person. Typical values will be Contractor, Employee, Intern, Temp, External, Unknown but any value may be used.&lt;/xs:documentation&gt;           &lt;/xs:annotation&gt;         &lt;/xs:element&gt;         &lt;xs:element name="homePostalAddress" type="xs:string" minOccurs="0" maxOccurs="unbounded"&gt;           &lt;xs:annotation&gt;             &lt;xs:documentation&gt;The postal address of this person's home.&lt;/xs:documentation&gt;           &lt;/xs:annotation&gt;         &lt;/xs:element&gt;         &lt;xs:element name="initials" type="xs:string" minOccurs="0" maxOccurs="unbounded"&gt;           &lt;xs:annotation&gt;             &lt;xs:documentation&gt;Contains the initials of some or all of an individual's names, but not the last name.&lt;/xs:documentation&gt;           &lt;/xs:annotation&gt;         &lt;/xs:element&gt;         &lt;xs:element name="labeledURI" type="xs:string" minOccurs="0" maxOccurs="unbounded"&gt; </pre>					

```

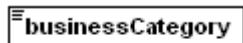
<xs:annotation>
  <xs:documentation>Uniform Resource Identifier with optional label.</xs:documentation>
</xs:annotation>
</xs:element>
<xs:element name="manager" type="xs:string" minOccurs="0" maxOccurs="unbounded">
  <xs:annotation>
    <xs:documentation>DN of the manager of this person.</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="mobilePhone" type="xs:string" minOccurs="0" maxOccurs="unbounded">
  <xs:annotation>
    <xs:documentation>Individual mobile phone numbers.</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="organization" type="xs:string" minOccurs="0" maxOccurs="unbounded">
  <xs:annotation>
    <xs:documentation>Organization to which this person belongs.</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="x500uniqueIdentifier" type="xs:string" minOccurs="0" maxOccurs="unbounded"/>
<xs:element name="preferredLanguage" type="xs:string" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Preferred written or spoken language for a person.</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="seeAlso" type="xs:string" minOccurs="0" maxOccurs="unbounded"/>
<xs:element name="description" type="xs:string" minOccurs="0" maxOccurs="unbounded">
  <xs:annotation>
    <xs:documentation>Human readable description of the person.</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="audio" type="xs:base64Binary" minOccurs="0" maxOccurs="unbounded">
  <xs:annotation>
    <xs:documentation>Encoded sound file.</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="jpegPhoto" type="xs:base64Binary" minOccurs="0" maxOccurs="unbounded">
  <xs:annotation>
    <xs:documentation>Image of a person in the JPEG File Interchange Format (JFIF).</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="photo" type="xs:base64Binary" minOccurs="0" maxOccurs="unbounded"/>
<xs:element name="password" type="xs:base64Binary" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Base64-encoded user password.</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="citizenships" type="pds:CountryType" minOccurs="0" maxOccurs="unbounded">
  <xs:annotation>
    <xs:documentation>List of countries of citizenship for this user.</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="clearances" type="xs:string" minOccurs="0" maxOccurs="unbounded">
  <xs:annotation>
    <xs:documentation>List of clearance levels for this user.</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="roles" type="xs:string" minOccurs="0" maxOccurs="unbounded">
  <xs:annotation>
    <xs:documentation>List of roles for this user.</xs:documentation>
  </xs:annotation>
</xs:element>
</xs:sequence>
</xs:extension>
</xs:complexContent>
</xs:complexType>

```



#### element PersonDetailType/businessCategory

diagram



Describes the kind of business performed.

namespace <http://www.dod.mil/pds/1.0/pds#>

type **xs:string**

annotation documentation Describes the kind of business performed.

source <xs:element name="businessCategory" type="xs:string" minOccurs="0" maxOccurs="unbounded">  
<xs:annotation>  
  <xs:documentation>Describes the kind of business performed.</xs:documentation>  
  </xs:annotation>  
</xs:element>

#### element PersonDetailType/carLicense

diagram



Values of the license or registration plate associated with a person.

namespace <http://www.dod.mil/pds/1.0/pds#>

type **xs:string**

annotation documentation Values of the license or registration plate associated with a person.

source <xs:element name="carLicense" type="xs:string" minOccurs="0" maxOccurs="unbounded">  
<xs:annotation>  
  <xs:documentation>Values of the license or registration plate associated with a person.</xs:documentation>  
  </xs:annotation>  
</xs:element>

#### element PersonDetailType/departmentNumber

diagram



Code identifying the department to which a person belongs.

namespace <http://www.dod.mil/pds/1.0/pds#>

type **xs:string**

annotation documentation Code identifying the department to which a person belongs.

source <xs:element name="departmentNumber" type="xs:string" minOccurs="0" maxOccurs="unbounded">  
<xs:annotation>  
  <xs:documentation>Code identifying the department to which a person belongs.</xs:documentation>  
  </xs:annotation>  
</xs:element>



#### element PersonDetailType/displayName

diagram



Preferred name of a person used for display purposes.

namespace <http://www.dod.mil/pds/1.0/pds#>

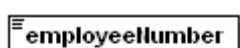
type **xs:string**

annotation documentation Preferred name of a person used for display purposes.

source <xs:element name="displayName" type="xs:string" minOccurs="0">  
<xs:annotation>  
  <xs:documentation>Preferred name of a person used for display purposes.</xs:documentation>  
  </xs:annotation>  
</xs:element>

#### element PersonDetailType/employeeNumber

diagram



Uniquely identifies an employee within and organization.

namespace <http://www.dod.mil/pds/1.0/pds#>

type **xs:string**

annotation documentation Uniquely identifies an employee within and organization.

source <xs:element name="employeeNumber" type="xs:string" minOccurs="0">  
<xs:annotation>  
  <xs:documentation>Uniquely identifies an employee within and organization.</xs:documentation>  
  </xs:annotation>  
</xs:element>

#### element PersonDetailType/employeeType

diagram



Type of employment for a person. Typical values will be Contractor, Employee, Intern, Temp, External, Unknown but any value may be used.

namespace <http://www.dod.mil/pds/1.0/pds#>

type **xs:string**

annotation documentation Type of employment for a person. Typical values will be Contractor, Employee, Intern, Temp, External, Unknown but any value may be used.

source <xs:element name="employeeType" type="xs:string" minOccurs="0" maxOccurs="unbounded">  
<xs:annotation>  
  <xs:documentation>Type of employment for a person. Typical values will be Contractor, Employee, Intern, Temp, External, Unknown but any value may be used.</xs:documentation>  
</xs:annotation>



</xs:element>

#### element PersonDetailType/homePostalAddress

diagram



namespace http://www.dod.mil/pds/1.0/pds#

type xs:string

annotation documentation The postal address of this person's home.

source <xs:element name="homePostalAddress" type="xs:string" minOccurs="0" maxOccurs="unbounded">  
<xs:annotation>  
  <xs:documentation>The postal address of this person's home.</xs:documentation>  
</xs:annotation>  
</xs:element>

#### element PersonDetailType/initials

diagram



namespace http://www.dod.mil/pds/1.0/pds#

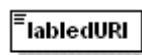
type xs:string

annotation documentation Contains the initials of some or all of an individuals names, but not the last name.

source <xs:element name="initials" type="xs:string" minOccurs="0" maxOccurs="unbounded">  
<xs:annotation>  
  <xs:documentation>Contains the initials of some or all of an individuals names, but not the last name.</xs:documentation>  
</xs:annotation>  
</xs:element>

#### element PersonDetailType/labeledURI

diagram



namespace http://www.dod.mil/pds/1.0/pds#

type xs:string

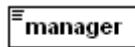
annotation documentation Uniform Resource Identifier with optional label.

source <xs:element name="labeledURI" type="xs:string" minOccurs="0" maxOccurs="unbounded">  
<xs:annotation>  
  <xs:documentation>Uniform Resource Identifier with optional label.</xs:documentation>  
</xs:annotation>  
</xs:element>



### element **PersonDetailType/manager**

diagram



DN of the manager of this person.

namespace <http://www.dod.mil/pds/1.0/pds#>

type **xs:string**

annotation documentation DN of the manager of this person.

source <xs:element name="manager" type="xs:string" minOccurs="0" maxOccurs="unbounded">  
   <xs:annotation>  
     <xs:documentation>DN of the manager of this person.</xs:documentation>  
   </xs:annotation>  
</xs:element>

### element **PersonDetailType/mobilePhone**

diagram



Individual mobile phone numbers.

namespace <http://www.dod.mil/pds/1.0/pds#>

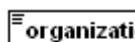
type **xs:string**

annotation documentation Individual mobile phone numbers.

source <xs:element name="mobilePhone" type="xs:string" minOccurs="0" maxOccurs="unbounded">  
   <xs:annotation>  
     <xs:documentation>Individual mobile phone numbers.</xs:documentation>  
   </xs:annotation>  
</xs:element>

### element **PersonDetailType/organization**

diagram



Organization to which this person belongs.

namespace <http://www.dod.mil/pds/1.0/pds#>

type **xs:string**

annotation documentation Organization to which this person belongs.

source <xs:element name="organization" type="xs:string" minOccurs="0" maxOccurs="unbounded">  
   <xs:annotation>  
     <xs:documentation>Organization to which this person belongs.</xs:documentation>  
   </xs:annotation>  
</xs:element>



#### element PersonDetailType/x500uniqueIdentifier

diagram    **x500uniqueIdentifier**

namespace    http://www.dod.mil/pds/1.0/pds#

type    **xs:string**

source    <xs:element name="x500uniqueIdentifier" type="xs:string" minOccurs="0" maxOccurs="unbounded"/>

#### element PersonDetailType/preferredLanguage

diagram    **preferredLanguage**

Preferred written or spoken language for a person.

namespace    http://www.dod.mil/pds/1.0/pds#

type    **xs:string**

annotation    documentation    Preferred written or spoken language for a person.

source    <xs:element name="preferredLanguage" type="xs:string" minOccurs="0">  
  <xs:annotation>  
    <xs:documentation>Preferred written or spoken language for a person.</xs:documentation>  
  </xs:annotation>  
</xs:element>

#### element PersonDetailType/seeAlso

diagram    **seeAlso**

namespace    http://www.dod.mil/pds/1.0/pds#

type    **xs:string**

source    <xs:element name="seeAlso" type="xs:string" minOccurs="0" maxOccurs="unbounded"/>

#### element PersonDetailType/description

diagram    **description**

Human readable description of the person.

namespace    http://www.dod.mil/pds/1.0/pds#

type    **xs:string**

annotation    documentation    Human readable description of the person.

source    <xs:element name="description" type="xs:string" minOccurs="0" maxOccurs="unbounded">  
  <xs:annotation>  
    <xs:documentation>Human readable description of the person.</xs:documentation>  
  </xs:annotation>  
</xs:element>



#### element PersonDetailType/audio

diagram



Encoded sound file.

namespace <http://www.dod.mil/pds/1.0/pds#>

type **xs:base64Binary**

annotation documentation Encoded sound file.

source <xs:element name="audio" type="xs:base64Binary" minOccurs="0" maxOccurs="unbounded">  
  <xs:annotation>  
    <xs:documentation>Encoded sound file.</xs:documentation>  
  </xs:annotation>  
</xs:element>

#### element PersonDetailType/jpegPhoto

diagram



Image of a person in the  
JPEG File Interchange  
Format (JFIF).

namespace <http://www.dod.mil/pds/1.0/pds#>

type **xs:base64Binary**

annotation documentation Image of a person in the JPEG File Interchange Format (JFIF).

source <xs:element name="jpegPhoto" type="xs:base64Binary" minOccurs="0" maxOccurs="unbounded">  
  <xs:annotation>  
    <xs:documentation>Image of a person in the JPEG File Interchange Format (JFIF).</xs:documentation>  
  </xs:annotation>  
</xs:element>

#### element PersonDetailType/photo

diagram



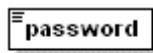
namespace <http://www.dod.mil/pds/1.0/pds#>

type **xs:base64Binary**

source <xs:element name="photo" type="xs:base64Binary" minOccurs="0" maxOccurs="unbounded"/>

#### element PersonDetailType/password

diagram



Base64-encoded user  
password.

namespace <http://www.dod.mil/pds/1.0/pds#>

type **xs:base64Binary**

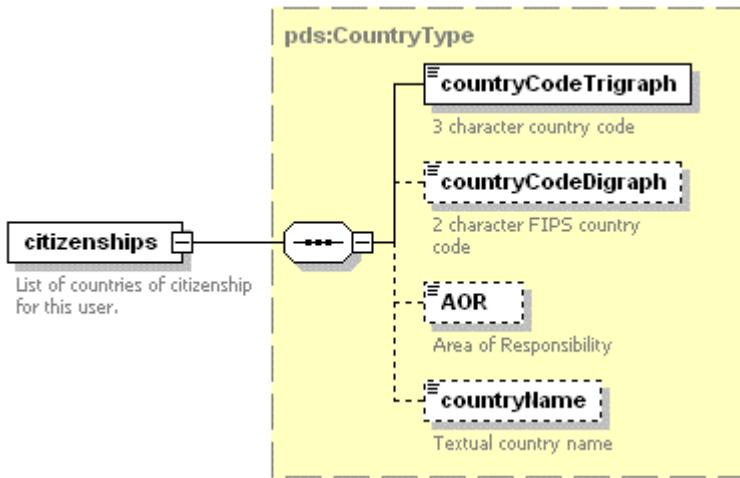
annotation documentation Base64-encoded user password.

source

```
<xs:element name="password" type="xs:base64Binary" minOccurs="0">
<xs:annotation>
  <xs:documentation>Base64-encoded user password.</xs:documentation>
</xs:annotation>
</xs:element>
```

### element PersonDetailType/citizenships

diagram



namespace <http://www.dod.mil/pds/1.0/pds#>

type [pds:CountryType](#)

children [countryCodeTrigraph](#) [countryCodeDigraph](#) [AOR](#) [countryName](#)

annotation documentation List of countries of citizenship for this user.

source

```
<xs:element name="citizenships" type="pds:CountryType" minOccurs="0" maxOccurs="unbounded">
<xs:annotation>
  <xs:documentation>List of countries of citizenship for this user.</xs:documentation>
</xs:annotation>
</xs:element>
```

### element PersonDetailType/clearances

diagram



namespace <http://www.dod.mil/pds/1.0/pds#>

type [xs:string](#)

annotation documentation List of clearance levels for this user.

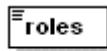
source

```
<xs:element name="clearances" type="xs:string" minOccurs="0" maxOccurs="unbounded">
<xs:annotation>
  <xs:documentation>List of clearance levels for this user.</xs:documentation>
</xs:annotation>
</xs:element>
```



### element PersonDetailType/roles

diagram



List of roles for this user.

namespace <http://www.dod.mil/pds/1.0/pds#>

type **xs:string**

annotation documentation List of roles for this user.

source

```
<xs:element name="roles" type="xs:string" minOccurs="0" maxOccurs="unbounded">
  <xs:annotation>
    <xs:documentation>List of roles for this user.</xs:documentation>
  </xs:annotation>
</xs:element>
```

### complexType PersonIdType

diagram



Unique identifier of a person

The fully qualified distinguished name (DN) of the person.

Note:  
If this value does not begin with "cn=", then it is assumed that only the common name (CN) of the person is present. In this case, a best effort is made by the provider to locate the person and obtain the DN and supply it in the response.

namespace <http://www.dod.mil/pds/1.0/pds#>

children **dn**

used by element **personId**

annotation documentation Unique identifier of a person

source

```
<xs:complexType name="PersonIdType">
  <xs:annotation>
    <xs:documentation>Unique identifier of a person</xs:documentation>
  </xs:annotation>
  <xs:sequence>
    <xs:element name="dn" type="xs:string">
      <xs:annotation>
        <xs:documentation>The fully qualified distinguished name (DN) of the person.</xs:documentation>
      </xs:annotation>
    </xs:element>
  </xs:sequence>
</xs:complexType>
```

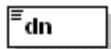
Note:

If this value does not begin with "cn=", then it is assumed that only the common name (CN) of the person is present. In this case, a best effort is made by the provider to locate the person and obtain the DN and supply it in the response.



### element PersonIdType/dn

diagram



The fully qualified distinguished name (DN) of the person.

Note:  
If this value does not begin with "cn=", then it is assumed that only the common name (CN) of the person is present. In this case, a best effort is made by the provider to locate the person and obtain the DN and supply it in the response.

namespace <http://www.dod.mil/pds/1.0/pds#>

type **xs:string**

annotation documentation The fully qualified distinguished name (DN) of the person.

Note:

If this value does not begin with "cn=", then it is assumed that only the common name (CN) of the person is present. In this case, a best effort is made by the provider to locate the person and obtain the DN and supply it in the response.

source <xs:element name="dn" type="xs:string">

<xs:annotation>

<xs:documentation>The fully qualified distinguished name (DN) of the person.

Note:

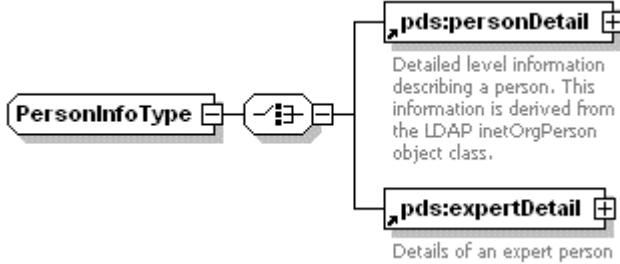
If this value does not begin with "cn=", then it is assumed that only the common name (CN) of the person is present. In this case, a best effort is made by the provider to locate the person and obtain the DN and supply it in the response.</xs:documentation>

</xs:annotation>

</xs:element>

### complexType PersonInfoType

diagram



namespace <http://www.dod.mil/pds/1.0/pds#>

children [pds:personDetail](#) [pds:expertDetail](#)

used by element [personInfo](#)

source <xs:complexType name="PersonInfoType">

<xs:choice>

<xs:element ref="pds:personDetail"/>

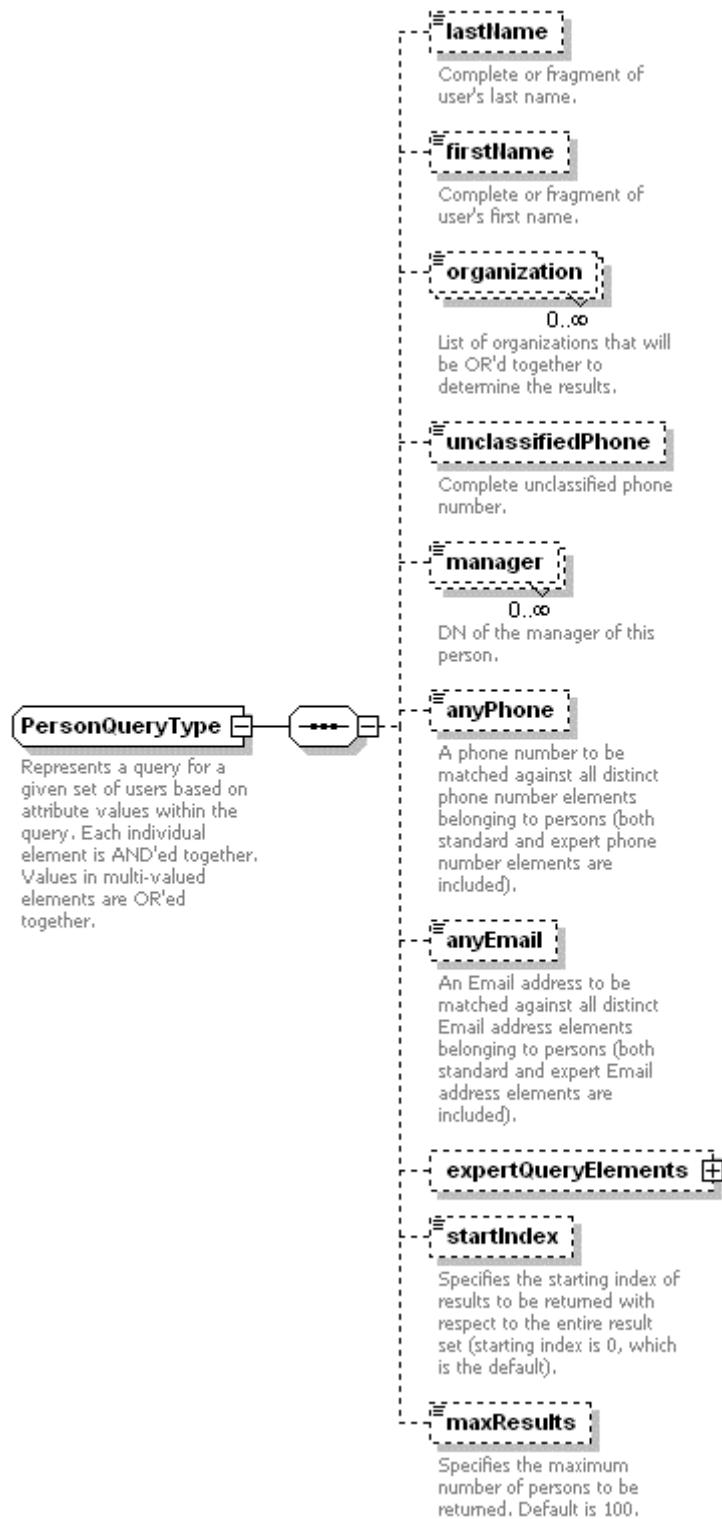


```
<xs:element ref="pds:expertDetail"/>
</xs:choice>
</xs:complexType>
```

complexType **PersonQueryType**



diagram



namespace    <http://www.dod.mil/pds/1.0/pds#>



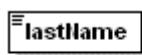
children	<a href="#">lastName</a> <a href="#">firstName</a> <a href="#">organization</a> <a href="#">unclassifiedPhone</a> <a href="#">manager</a> <a href="#">anyPhone</a> <a href="#">anyEmail</a> <a href="#">expertQueryElements</a> <a href="#">startIndex</a> <a href="#">maxResults</a>					
used by	element <a href="#">personQuery</a>					
attributes	Name expertsOnlyFlag	Type xs:boolean	Use required	Default	Fixed	Annotation
annotation	documentation Represents a query for a given set of users based on attribute values within the query. Each individual element is AND'ed together. Values in multi-valued elements are OR'ed together.					
source	<pre> &lt;xs:complexType name="PersonQueryType"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Represents a query for a given set of users based on attribute values within the query. Each individual element is AND'ed together. Values in multi-valued elements are OR'ed together.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:sequence&gt;     &lt;xs:element name="lastName" type="xs:string" minOccurs="0"&gt;       &lt;xs:annotation&gt;         &lt;xs:documentation&gt;Complete or fragment of user's last name.&lt;/xs:documentation&gt;       &lt;/xs:annotation&gt;     &lt;/xs:element&gt;     &lt;xs:element name="firstName" type="xs:string" minOccurs="0"&gt;       &lt;xs:annotation&gt;         &lt;xs:documentation&gt;Complete or fragment of user's first name.&lt;/xs:documentation&gt;       &lt;/xs:annotation&gt;     &lt;/xs:element&gt;     &lt;xs:element name="organization" type="xs:string" minOccurs="0" maxOccurs="unbounded"&gt;       &lt;xs:annotation&gt;         &lt;xs:documentation&gt;List of organizations that will be OR'd together to determine the results.&lt;/xs:documentation&gt;       &lt;/xs:annotation&gt;     &lt;/xs:element&gt;     &lt;xs:element name="unclassifiedPhone" type="xs:string" minOccurs="0"&gt;       &lt;xs:annotation&gt;         &lt;xs:documentation&gt;Complete unclassified phone number.&lt;/xs:documentation&gt;       &lt;/xs:annotation&gt;     &lt;/xs:element&gt;     &lt;xs:element name="manager" type="xs:string" minOccurs="0" maxOccurs="unbounded"&gt;       &lt;xs:annotation&gt;         &lt;xs:documentation&gt;DN of the manager of this person.&lt;/xs:documentation&gt;       &lt;/xs:annotation&gt;     &lt;/xs:element&gt;     &lt;xs:element name="anyPhone" type="xs:string" minOccurs="0"&gt;       &lt;xs:annotation&gt;         &lt;xs:documentation&gt;A phone number to be matched against all distinct phone number elements belonging to persons (both standard and expert phone number elements are included).&lt;/xs:documentation&gt;       &lt;/xs:annotation&gt;     &lt;/xs:element&gt;     &lt;xs:element name="anyEmail" type="xs:string" minOccurs="0"&gt;       &lt;xs:annotation&gt;         &lt;xs:documentation&gt;An Email address to be matched against all distinct Email address elements belonging to persons (both standard and expert Email address elements are included).&lt;/xs:documentation&gt;       &lt;/xs:annotation&gt;     &lt;/xs:element&gt;     &lt;xs:element name="expertQueryElements" type="pds:ExpertQueryElementsType" minOccurs="0"/&gt;     &lt;xs:element name="startIndex" type="xs:long" default="0" minOccurs="0"&gt;       &lt;xs:annotation&gt;         &lt;xs:documentation&gt;Specifies the starting index of results to be returned with respect to the entire result set (starting index is 0, which is the default).&lt;/xs:documentation&gt;       &lt;/xs:annotation&gt;     &lt;/xs:element&gt;     &lt;xs:element name="maxResults" type="xs:long" default="100" minOccurs="0"&gt;       &lt;xs:annotation&gt;         &lt;xs:documentation&gt;Specifies the maximum number of persons to be returned. Default is 100.&lt;/xs:documentation&gt;       &lt;/xs:annotation&gt;     &lt;/xs:element&gt;   &lt;/xs:sequence&gt; &lt;xs:attribute name="expertsOnlyFlag" type="xs:boolean" use="required"/&gt;</pre>					



</xs:complexType>

#### element PersonQueryType/lastName

diagram



Complete or fragment of user's last name.

namespace http://www.dod.mil/pds/1.0/pds#

type xs:string

annotation documentation Complete or fragment of user's last name.

source <xs:element name="lastName" type="xs:string" minOccurs="0">  
 <xs:annotation>  
   <xs:documentation>Complete or fragment of user's last name.</xs:documentation>  
 </xs:annotation>  
</xs:element>

#### element PersonQueryType/firstName

diagram



Complete or fragment of user's first name.

namespace http://www.dod.mil/pds/1.0/pds#

type xs:string

annotation documentation Complete or fragment of user's first name.

source <xs:element name="firstName" type="xs:string" minOccurs="0">  
 <xs:annotation>  
   <xs:documentation>Complete or fragment of user's first name.</xs:documentation>  
 </xs:annotation>  
</xs:element>

#### element PersonQueryType/organization

diagram



List of organizations that will be OR'd together to determine the results.

namespace http://www.dod.mil/pds/1.0/pds#

type xs:string

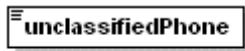
annotation documentation List of organizations that will be OR'd together to determine the results.

source <xs:element name="organization" type="xs:string" minOccurs="0" maxOccurs="unbounded">  
 <xs:annotation>  
   <xs:documentation>List of organizations that will be OR'd together to determine the results.</xs:documentation>  
 </xs:annotation>  
</xs:element>



### element PersonQueryType/unclassifiedPhone

diagram



Complete unclassified phone number.

namespace <http://www.dod.mil/pds/1.0/pds#>

type **xs:string**

annotation documentation Complete unclassified phone number.

source <xs:element name="unclassifiedPhone" type="xs:string" minOccurs="0">  
   <xs:annotation>  
     <xs:documentation>Complete unclassified phone number.</xs:documentation>  
   </xs:annotation>  
</xs:element>

### element PersonQueryType/manager

diagram



DN of the manager of this person.

namespace <http://www.dod.mil/pds/1.0/pds#>

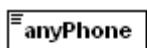
type **xs:string**

annotation documentation DN of the manager of this person.

source <xs:element name="manager" type="xs:string" minOccurs="0" maxOccurs="unbounded">  
   <xs:annotation>  
     <xs:documentation>DN of the manager of this person.</xs:documentation>  
   </xs:annotation>  
</xs:element>

### element PersonQueryType/anyPhone

diagram



A phone number to be matched against all distinct phone number elements belonging to persons (both standard and expert phone number elements are included).

namespace <http://www.dod.mil/pds/1.0/pds#>

type **xs:string**

annotation documentation A phone number to be matched against all distinct phone number elements belonging to persons (both standard and expert phone number elements are included).

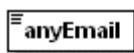
source <xs:element name="anyPhone" type="xs:string" minOccurs="0">  
   <xs:annotation>  
     <xs:documentation>A phone number to be matched against all distinct phone number elements belonging to persons (both standard and expert phone number elements are included).</xs:documentation>  
   </xs:annotation>



</xs:element>

### element PersonQueryType/anyEmail

diagram



An Email address to be matched against all distinct Email address elements belonging to persons (both standard and expert Email address elements are included).

namespace <http://www.dod.mil/pds/1.0/pds#>

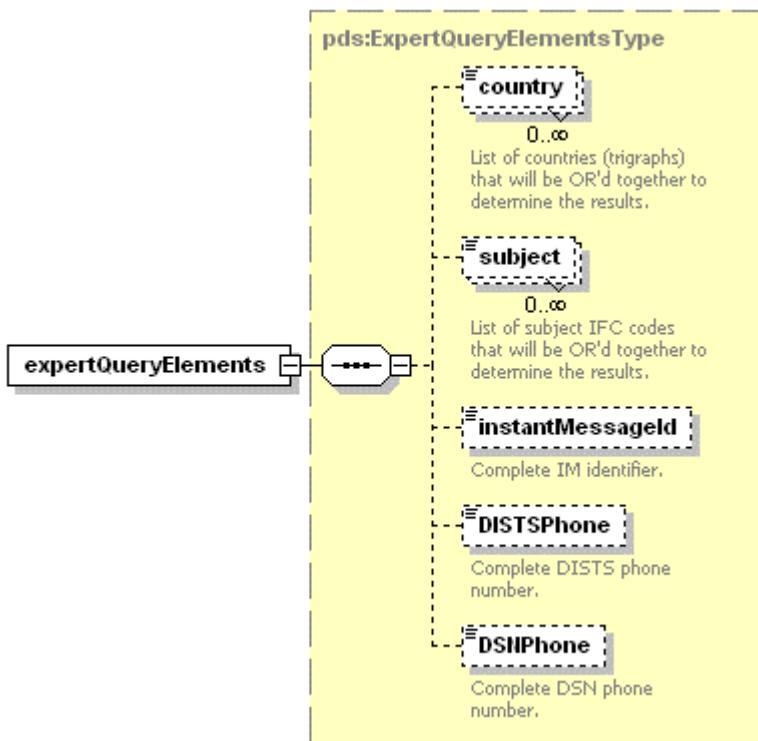
type **xs:string**

annotation documentation An Email address to be matched against all distinct Email address elements belonging to persons (both standard and expert Email address elements are included).

source <xs:element name="anyEmail" type="xs:string" minOccurs="0">  
 <xs:annotation>  
     <xs:documentation>An Email address to be matched against all distinct Email address elements belonging to persons (both standard and expert Email address elements are included).</xs:documentation>  
     </xs:annotation>  
 </xs:element>

### element PersonQueryType/expertQueryElements

diagram



namespace <http://www.dod.mil/pds/1.0/pds#>

type **pds:ExpertQueryElementsType**



children [country](#) [subject](#) [instantMessageId](#) [DISTSPhone](#) [DSNPhone](#)

source <xs:element name="expertQueryElements" type="pds:ExpertQueryElementsType" minOccurs="0"/>

#### element PersonQueryType/startIndex

diagram



Specifies the starting index of results to be returned with respect to the entire result set (starting index is 0, which is the default).

namespace <http://www.dod.mil/pds/1.0/pds#>

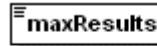
type **xs:long**

annotation documentation Specifies the starting index of results to be returned with respect to the entire result set (starting index is 0, which is the default).

source <xs:element name="startIndex" type="xs:long" default="0" minOccurs="0">  
<xs:annotation>  
  <xs:documentation>Specifies the starting index of results to be returned with respect to the entire result set (starting index is 0, which is the default).</xs:documentation>  
  </xs:annotation>  
</xs:element>

#### element PersonQueryType/maxResults

diagram



Specifies the maximum number of persons to be returned. Default is 100.

namespace <http://www.dod.mil/pds/1.0/pds#>

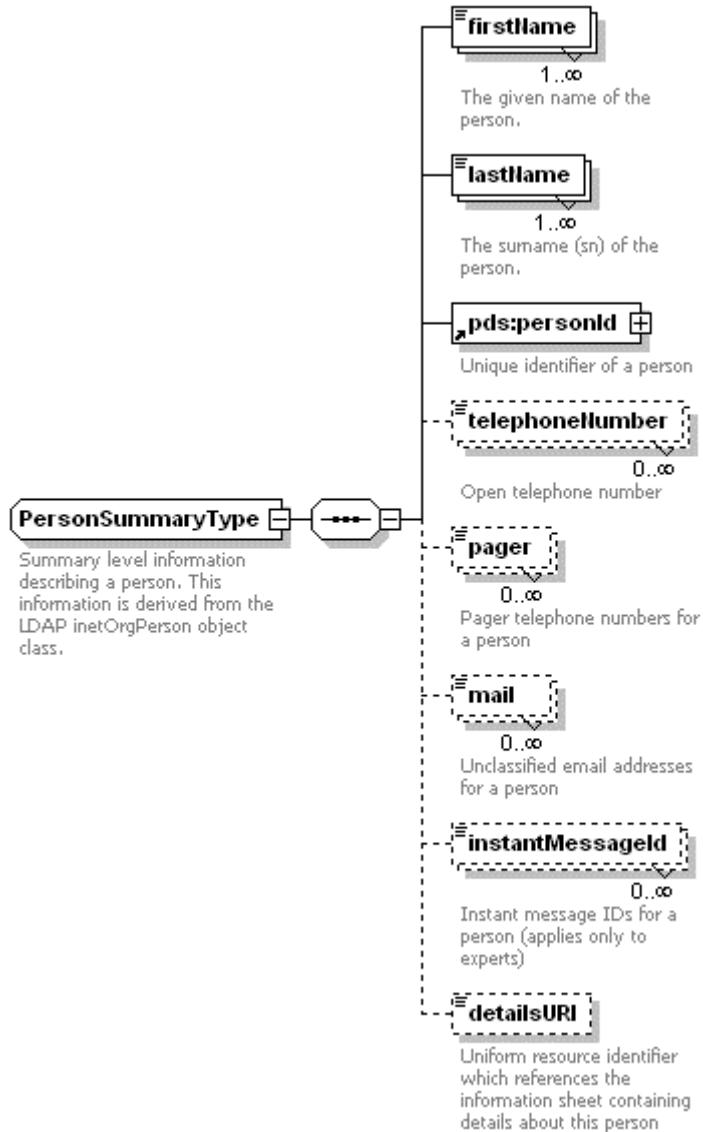
type **xs:long**

annotation documentation Specifies the maximum number of persons to be returned. Default is 100.

source <xs:element name="maxResults" type="xs:long" default="100" minOccurs="0">  
<xs:annotation>  
  <xs:documentation>Specifies the maximum number of persons to be returned. Default is 100.</xs:documentation>  
  </xs:annotation>  
</xs:element>

complexType **PersonSummaryType**

diagram



namespace <http://www.dod.mil/pds/1.0/pds#>

children [\*\*firstName\*\*](#) [\*\*lastName\*\*](#) [\*\*pds:personId\*\*](#) [\*\*telephoneNumber\*\*](#) [\*\*pager\*\*](#) [\*\*mail\*\*](#) [\*\*instantMessageId\*\*](#) [\*\*detailsURI\*\*](#)

used by	element	<a href="#"><b>personSummary</b></a>
	complexType	<a href="#"><b>PersonDetailType</b></a>
attributes	Name	Type
	<b>isExpert</b>	<code>xs:boolean</code>
annotation	documentation	Use
		required
		Default
		Fixed
		Annotation

annotation Summary level information describing a person. This information is derived from the LDAP `inetOrgPerson` object class.

source

```

<xs:complexType name="PersonSummaryType">
  <xs:annotation>
    <xs:documentation>Summary level information describing a person. This information is derived from the LDAP
    inetOrgPerson object class.</xs:documentation>
  </xs:annotation>

```



```

<xs:sequence>
  <xs:element name="firstName" type="xs:string" maxOccurs="unbounded">
    <xs:annotation>
      <xs:documentation>The given name of the person.</xs:documentation>
    </xs:annotation>
  </xs:element>
  <xs:element name="lastName" type="xs:string" maxOccurs="unbounded">
    <xs:annotation>
      <xs:documentation>The surname (sn) of the person.</xs:documentation>
    </xs:annotation>
  </xs:element>
  <xs:element ref="pds:personId"/>
  <xs:element name="telephoneNumber" type="xs:string" minOccurs="0" maxOccurs="unbounded">
    <xs:annotation>
      <xs:documentation>Open telephone number</xs:documentation>
    </xs:annotation>
  </xs:element>
  <xs:element name="pager" type="xs:string" minOccurs="0" maxOccurs="unbounded">
    <xs:annotation>
      <xs:documentation>Pager telephone numbers for a person</xs:documentation>
    </xs:annotation>
  </xs:element>
  <xs:element name="mail" type="xs:string" minOccurs="0" maxOccurs="unbounded">
    <xs:annotation>
      <xs:documentation>Unclassified email addresses for a person</xs:documentation>
    </xs:annotation>
  </xs:element>
  <xs:element name="instantMessageId" type="xs:string" minOccurs="0" maxOccurs="unbounded">
    <xs:annotation>
      <xs:documentation>Instant message IDs for a person (applies only to experts)</xs:documentation>
    </xs:annotation>
  </xs:element>
  <xs:element name="detailsURI" type="xs:string" minOccurs="0">
    <xs:annotation>
      <xs:documentation>Uniform resource identifier which references the information sheet containing details about this person</xs:documentation>
    </xs:annotation>
  </xs:element>
</xs:sequence>
<xs:attribute name="isExpert" type="xs:boolean" use="required"/>
</xs:complexType>

```

### element PersonSummaryType/firstName

diagram



The given name of the person.

namespace <http://www.dod.mil/pds/1.0/pds#>

type **xs:string**

annotation documentation The given name of the person.

source <xs:element name="firstName" type="xs:string" maxOccurs="unbounded">
 <xs:annotation>
 <xs:documentation>The given name of the person.</xs:documentation>
 </xs:annotation>
</xs:element>



#### element PersonSummaryType/lastName

diagram



The surname (sn) of the person.

namespace <http://www.dod.mil/pds/1.0/pds#>

type **xs:string**

annotation documentation The surname (sn) of the person.

source <xs:element name="lastName" type="xs:string" maxOccurs="unbounded">  
<xs:annotation>  
  <xs:documentation>The surname (sn) of the person.</xs:documentation>  
  </xs:annotation>  
</xs:element>

#### element PersonSummaryType/telephoneNumber

diagram



Open telephone number

namespace <http://www.dod.mil/pds/1.0/pds#>

type **xs:string**

annotation documentation Open telephone number

source <xs:element name="telephoneNumber" type="xs:string" minOccurs="0" maxOccurs="unbounded">  
<xs:annotation>  
  <xs:documentation>Open telephone number</xs:documentation>  
  </xs:annotation>  
</xs:element>

#### element PersonSummaryType/pager

diagram



Pager telephone numbers for a person

namespace <http://www.dod.mil/pds/1.0/pds#>

type **xs:string**

annotation documentation Pager telephone numbers for a person

source <xs:element name="pager" type="xs:string" minOccurs="0" maxOccurs="unbounded">  
<xs:annotation>  
  <xs:documentation>Pager telephone numbers for a person</xs:documentation>  
  </xs:annotation>  
</xs:element>

### element **PersonSummaryType/mail**

diagram



Unclassified email addresses  
for a person

namespace <http://www.dod.mil/pds/1.0/pds#>

type **xs:string**

annotation documentation Unclassified email addresses for a person

source <xs:element name="mail" type="xs:string" minOccurs="0" maxOccurs="unbounded">  
 <xs:annotation>  
     <xs:documentation>Unclassified email addresses for a person</xs:documentation>  
     </xs:annotation>  
 </xs:element>

### element **PersonSummaryType/instantMessageId**

diagram



Instant message IDs for a  
person (applies only to  
experts)

namespace <http://www.dod.mil/pds/1.0/pds#>

type **xs:string**

annotation documentation Instant message IDs for a person (applies only to experts)

source <xs:element name="instantMessageId" type="xs:string" minOccurs="0" maxOccurs="unbounded">  
 <xs:annotation>  
     <xs:documentation>Instant message IDs for a person (applies only to experts)</xs:documentation>  
     </xs:annotation>  
 </xs:element>

### element **PersonSummaryType/detailsURI**

diagram



Uniform resource identifier  
which references the  
information sheet containing  
details about this person

namespace <http://www.dod.mil/pds/1.0/pds#>

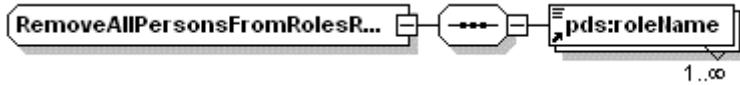
type **xs:string**

annotation documentation Uniform resource identifier which references the information sheet containing details about this person

source <xs:element name="detailsURI" type="xs:string" minOccurs="0">  
 <xs:annotation>  
     <xs:documentation>Uniform resource identifier which references the information sheet containing details about this  
person</xs:documentation>  
     </xs:annotation>  
 </xs:element>

### complexType RemoveAllPersonsFromRolesRequestType

diagram



1..∞

namespace <http://www.dod.mil/pds/1.0/pds#>

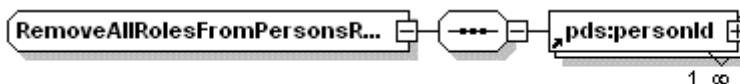
children [pds:roleName](#)

used by element [removeAllPersonsFromRolesRequest](#)

source <xs:complexType name="RemoveAllPersonsFromRolesRequestType">  
<xs:sequence>  
<xs:element ref="pds:roleName" maxOccurs="unbounded"/>  
</xs:sequence>  
</xs:complexType>

### complexType RemoveAllRolesFromPersonsRequestType

diagram



1..∞

Unique identifier of a person

namespace <http://www.dod.mil/pds/1.0/pds#>

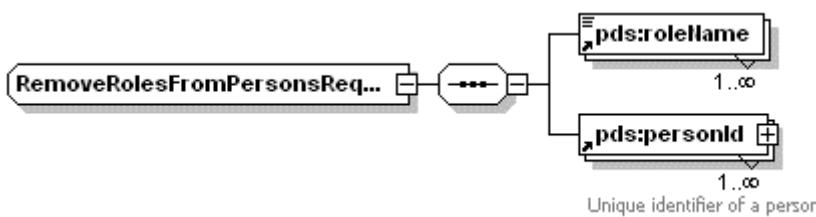
children [pds:personId](#)

used by element [removeAllRolesFromPersonsRequest](#)

source <xs:complexType name="RemoveAllRolesFromPersonsRequestType">  
<xs:sequence>  
<xs:element ref="pds:personId" maxOccurs="unbounded"/>  
</xs:sequence>  
</xs:complexType>

### complexType RemoveRolesFromPersonsRequestType

diagram



1..∞

Unique identifier of a person

namespace <http://www.dod.mil/pds/1.0/pds#>

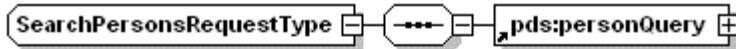
children [pds:roleName](#) [pds:personId](#)

used by element [removeRolesFromPersonsRequest](#)

source <xs:complexType name="RemoveRolesFromPersonsRequestType">  
<xs:sequence>  
<xs:element ref="pds:roleName" maxOccurs="unbounded"/>  
<xs:element ref="pds:personId" maxOccurs="unbounded"/>  
</xs:sequence>  
</xs:complexType>

### complexType **SearchPersonsRequestType**

diagram



Represents a query for a given set of users based on attribute values within the query. Each individual element is AND'ed together. Values in multi-valued elements are OR'ed together.

namespace <http://www.dod.mil/pds/1.0/pds#>

children [pds:personQuery](#)

used by element [searchPersonsRequest](#)

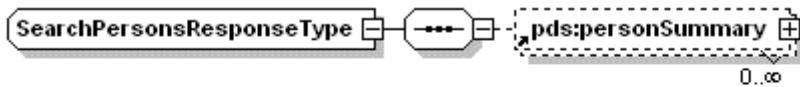
source

```

<xs:complexType name="SearchPersonsRequestType">
  <xs:sequence>
    <xs:element ref="pds:personQuery"/>
  </xs:sequence>
</xs:complexType>
  
```

### complexType **SearchPersonsResponseType**

diagram



Summary level information describing a person. This information is derived from the LDAP inetOrgPerson object class.

namespace <http://www.dod.mil/pds/1.0/pds#>

children [pds:personSummary](#)

used by element [searchPersonsResponse](#)

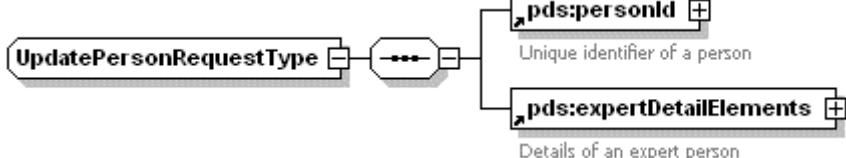
source

```

<xs:complexType name="SearchPersonsResponseType">
  <xs:sequence>
    <xs:element ref="pds:personSummary" minOccurs="0" maxOccurs="unbounded"/>
  </xs:sequence>
</xs:complexType>
  
```

### complexType **UpdatePersonRequestType**

diagram



namespace <http://www.dod.mil/pds/1.0/pds#>

children [pds:personId](#) [pds:expertDetailElements](#)



used by      element    [updatePersonRequest](#)

source      <xs:complexType name="UpdatePersonRequestType">  
              <xs:sequence>  
              <xs:element ref="pds:personId"/>  
              <xs:element ref="pds:expertDetailElements"/>  
              </xs:sequence>  
      </xs:complexType>

XML Schema documentation generated with [XMLSPY](#) Schema Editor <http://www.altova.com/xmlspy>